



The

CHEMIST AND DRUGGIST

for RETAILER - WHOLESALE - MANUFACTURER

Established 1859

28 Essex Street, Strand, London, W.C.2

Registered as a Newspaper

No. 3308
VOL. CXL

JULY 3, 1943

Annual Subscription (with
Diary) 25/- Single Copies 9d.



National Advertising is now
appearing for Meggeson Bismuth
Dyspepsia Tablets. Demand is
assured, supplies are adequate.
In order, however, to ease the
delivery question, it would be as
well if you ordered ahead and
that you saw that your stocks
are sufficient for both display
and demand. Order now.

MEGGESON & CO. LTD., LONDON, S.E.11
Established in the year 1794.

MAY WE REMIND YOU

As from the 1st of June, you are requested to post your orders
for Meggezons direct to the representative who normally calls
upon you. Your representative's name and address have already
been published in the C. & D. If you are in the London postal
area, in Middlesex or in North Surrey, post your order as usual.

MEGGESON
BISMUTH DYSPEPSIA
TABLETS



STOCK INFORMATION

•

PARKE, DAVIS & CO. are pleased to announce that limited stocks of the following products are again available:—

Diphtheria Prophylactic

ALUM PRECIPITATED TOXOID (A.P.T.)

Prepared at St. Mary's Hospital

In vials containing sufficient for one prophylactic course or ten prophylactic courses.

ANTI-FLATUS TABLETS, C.T. 625.

A modified formula in which galbanum replaces asafetida is now being supplied.

In bottles of 100 and 1000 tablets

CITRONIN

In bottles of 4-oz. and 16-oz.

HYDROGEN PEROXIDE SOLUTION, 10 vol.

In bottles of 80-oz.

TAKA-DIASTASE TABLETS, $2\frac{1}{2}$ grains.

In bottles of 25 and 100 tablets.

VI-SIBLIN

In containers of 4-oz. (approx.) and 1 lb.

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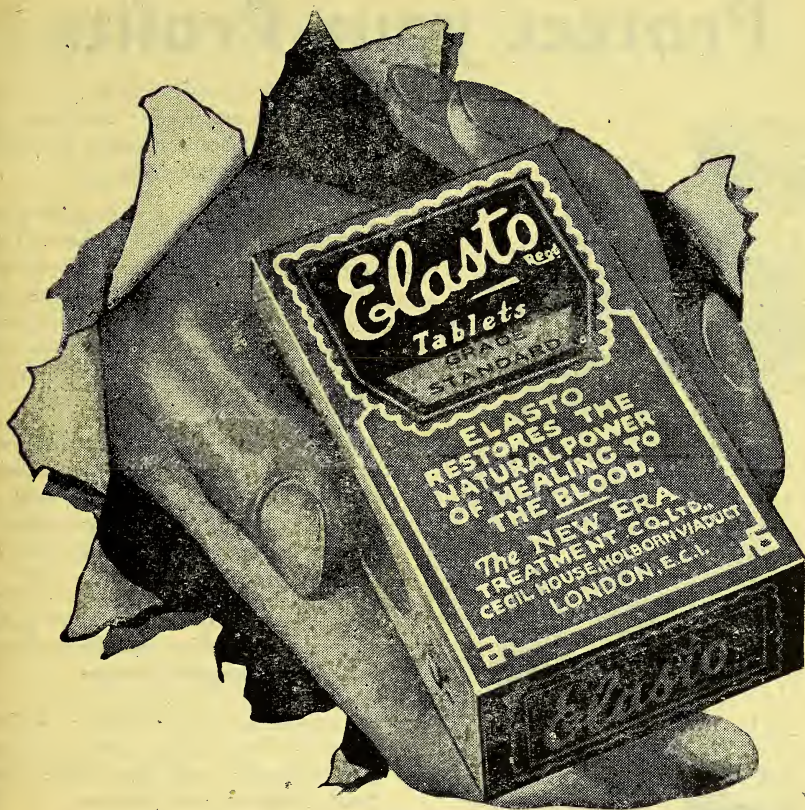
PARKE, DAVIS & CO.

50, BEAK ST., LONDON, W.1

Inc. U.S.A. Liability Ltd.

Show 'Elasto'—It Sells on Sight!

It's advertised as a Chemist's Line



ONE SHILLING AND SIXPENCE PROFIT ON EVERY SALE

'ELASTO' Advertising is Nation-wide and Consistent. An ever-increasing demand for this product is being created at your very door; a slight effort on your part will bring this new and profitable business to your counter. An 'Elasto' showcard displayed in your window will bring most gratifying results. You can recommend 'Elasto' with confidence for: Varicose Veins, Bad Leg, Piles, Heart Troubles, Rheumatism, Bad Circulation etc. A tablet Remedy, easy to handle and reliable.



**NEW REDUCED
PRICES:**

Retail Price 5/- per pkt.
* Including purchase tax.

Wholesale 42/- per doz.
* Including purchase tax.

A FEW SHOW CARDS STILL AVAILABLE

PATA

The NEW ERA TREATMENT CO. LTD.

DEPT. R

CECIL HOUSE, HOLBORN VIADUCT, LONDON, E.C.1.

MAINTAIN YOUR SALES

Protect your Profits



You can still supply your customers with essential toilet preparations of the highest quality, at reasonable prices.

You can help your country by making your own lines, thereby releasing essential manpower, essential machinery and essential factory space. At the same time you help yourself by maintaining your sales and profits and building goodwill with your own lines, which your customers will continue to use after the war.

Briccas formulae are the result of many years of experience in the manufacture of chemical preparations, and to meet the present situation, require mainly materials that are not needed for the war effort.

Briccas formulae are easy to follow and the lines illustrated can be made up in an hour or two with ordinary household utensils. No special equipment is needed.

Briccas can supply you with all materials promptly from stock, smart gold seal labels, bottles, jars, etc. Don't delay. Don't disappoint your customers.

- ★ Get Briccas formulae
- ★ Build Goodwill
- ★ Maintain your Sales
- ★ Protect your Profits

Send stamp for details

BRICCAS LIMITED

4 CAVENDISH PLACE, LONDON, W.

Telephone: LANGHAM 1183

Crookes'

HALIBUT LIVER OIL

New Standard Bonus Parcels

The "mixed" parcels previously supplied have been abandoned in favour of "straight dozens" of the various packings of both oil and capsules. This will obviate the stock difficulties associated with the "mixed" orders in last year's offer and will greatly facilitate despatch and transport.

Owing to supply difficulties the "25 capsules" pack has been entirely discontinued but the "100 capsules" pack is again available. The "oil" packs remain as formerly.

We must RESERVE THE RIGHT to restrict the number of parcels supplied to any one establishment and thereby, as far as possible, ensure fair distribution.

TERMS OF SUPPLY:

- 1 Bonus in kind will be allowed only when one or more standard parcels G, H, J, K, L, M are ordered.
- 2 The order must be accompanied by cash. No pro-forma invoices can be issued.
- 3 Orders for broken parcels or unaccompanied by cash will not be entitled to bonus in kind.
- 4 Bonus in kind cannot be allowed on any other Halibut Oil Products.



CROOKES' HALIBUT LIVER OIL Standard Parcels of Drops or Capsules only

PARCEL	Bonus	Sell	£ s. d.
PARCEL G = 1 DOZEN 12 x 15 c.c. 5/- Drops Less 25%	1	5/-	3 0 0 15 0 2 5 0 4 6
.. 10%			
*Amount of cash with order			*£2 0 6
PARCEL H = 3 DOZEN 36 x 5 c.c. 2/- Drops Less 25%	3	2/-	3 12 0 18 0 2 14 0 5 5
.. 10%			
*Amount of cash with order			*£2 8 7
PARCEL J = 1 DOZEN 12 x 30 c.c. 9/- Drops Less 25%	1	9/-	5 8 0 1 7 0 4 1 0 8 1
.. 10%			
*Amount of cash with order			*£3 12 11
PARCEL K = 6 DOZEN 72 x 5 c.c. 2/- Drops Less 25%	12	2/-	7 4 0 1 16 0 5 8 0 10 10
.. 10%			
*Amount of cash with order			*£4 17 2
PARCEL L = 1 DOZEN 12 x 100 Capsules Less 25%	1	8/6	5 2 0 1 5 6 3 16 6 7 8
.. 10%			
*Amount of cash with order			*£3 8 10
PARCEL M = 3 DOZEN 36 x 100 Capsules Less 25%	3	8/6	15 6 0 3 16 6 11 9 6 1 3 0
.. 10%			
*Amount of cash with order			*£10 6 6

THE CROOKES LABORATORIES (British Colloids Ltd.) PARK ROYAL, LONDON, N.W.10
Telephone: Willesden 6313 (5 lines)

Telegrams: Colloids, Harles, London

New packing size for TIBS

A NEW Government Order "(S.R.O. 1366)" has made it necessary for us to revise the packing of TIBS.

In future, TIBS will be packed in 9's and 27's only. There will be no more 21's. The price ratio remains the same. A packet of 9 will sell at 7d. and a packet of 27 will sell at 1/6d.

To avoid delay, orders received after June 14, which include the 1/1½d. size, will be filled with the new 1/6d. cartons. We are sorry that we could not inform you before, but paper restrictions prevented us from giving the Trade full notice of the change.

THE NEW PACKINGS



Packets of 9
7d.
(as before)



Cartons of 27
1/6d.
(Replacing the
Carton of 21 at 1/1½d.)

TIBS ARE A BOB MARTIN PRODUCT

ESTABLISHED 1878

FOR

LABELS CARTONS ENVELOPES

AND EVERY DESCRIPTION

of

MEDICAL PRINTING

Write to

ALF. HARRISON & SONS, LTD.

THE CHEMISTS' PRINTERS

BURLEY ROAD

LEEDS, 4

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The fact that goods made of raw materials in short supply owing to war conditions are advertised in this paper should not be taken as an indication that they are necessarily available for export.

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(continued overleaf)



The Natural Calcium Compound

'Calfos,' which is derived from natural sources, supplies calcium and phosphorus in a palatable, concentrated form which ensures absorption in the correct physiological ratio.

Widely advertised to
the medical profession

CALFOS LTD.

 IMPERIAL HOUSE,
KINGSWAY, W.C.2

Temple Bar 3629

TRADE & RETAIL PRICES

	Face Price Exclusive of Tax	TRADE PRICE per dozen	Purchase Tax, per dozen	Minimum Retail Price including Pur. Tax
Box of 50 tablets	2/6	20/-	3/4	2/9½
Box of 120 tablets	4/9	38/-	6/4	5/3½

Special terms are available for hospital packs

DISPLAY CARD ON REQUEST

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Disinfectants

to Hospitals, Public Institutions, Local Councils, &
REMEMBER that

BURT, BOULTON & HAYWOOD LTD. Managers
the **PRINCE REGENT TAR COMPANY, LTD**

give you special terms.

Carbolic Disinfecting Fluids containing 10% to 80% Tar Acids.

White Disinfecting Fluids—miscible in salt, fresh or brackish water, Co-efficients 18/20, 22/24.

Lysol B.P. Quality.

Pink Disinfecting Powders.

Carbolic Sheep Dips, approved by the Ministry of Agriculture under the Sheep Scab order.

Carbolic Disinfecting Fluids, Rideal Walk Co-efficients 2 to 20.

Liquid Carbolic and Cresylic Acid, Pale, 99/100

Formaldehyde (Formalin) 40% Solution.

Carbolic Weed Killer, etc.

Tar Acids and Rideal Walker Co-efficiency guaranteed. May be sold by Chemists and Druggists under own name. Special Disinfectant Fluids approved by the Ministry of Agriculture under the "Diseases of Animals Acts." May be packed and sold by Chemists under own name.

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(Managers: BURT, BOULTON & HAYWOOD, LTD.)

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Phone: Temple Bar 5801 (5 lines) Telegrams: "Burboul, Rand, London"



The Name the
public associates
with Quality
after 32 years of
trial



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**WE HAVE MOVED TO
17-19 STRATFORD PLACE W.I.**



COUNTY PERFUMERY Co. Ltd.

give notice that they have moved from their present premises
to

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Telephone : MAYfair 8643/4/5/6

Telegrams : BRYLCREEM, WESDO, LONDON

to which all Orders, Payments and Correspondence **MUST
BE SENT.**

The factory will be at : 140, Carpenter's Road, Poplar, London, E.9. This is the address for returned empty cartons, parcels and goods. Printed labels for returning cartons to this new factory address will be supplied on request.

Note

**PLEASE SEND ALL CORRESPONDENCE TO
THE OFFICES — NOT TO THE FACTORY**

6 shades packed in colourful boxes and powder-proof bags. RACHELLE, NATURAL, PEACH, OCHRE ROSE, ROSETAN, CREOLE. Your Orders for this Nationally Advertised Complexion Powder can be executed promptly.

4/- & 1/4
INCLUDING TAX

Orders for Lipstick Refills accepted for delivery as and when available under quota restrictions.

All enquiries to—
ANDERSON & REEVES LTD
157/161 REGENT STREET · W.1 · REG. 1965

On every woman's lips



Women everywhere are paying lip service to JEAN CLAUDE. Thus they express their gratitude for the loveliness and charm which Beauty Aids by JEAN CLAUDE bring to them.

Lipstick : refill : gardenia powder : face powder : mascara : rouge : Modom shampoo : Hussar hair cream.

RAW MATERIALS AVAILABLE

Perfume Compounds • Stearic Acid • Lanolin • Beeswax • Glycerine Substitute • Gum Tragacanth • Gum Acacia • Stearates • Sulphonated Fatty Acids • EMULSIFIERS

and all other materials for the manufacture of high-class quality cosmetics.

Supplies from 1 lb. upwards.

Our salesmen can call with samples.

All enquiries welcomed.

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LABELS for COSMETICS and Perfumery



Special Designs
or stock wordings

Write for samples

WILLIAM SESSIONS, LTD.
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★ THOSE SPECIALISTS WHO MAKE THEIR OWN COSMETICS

HAVE THE CHOICE OF 

DIFFERENT PERFUME COMPOSITIONS AT ALL PRICES

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TECHNICAL
ADVICE
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THE ADVANCED WAY TO APPLY IODINE



HERE IS the perfect way to apply iodine. Practical, simple — requiring no brush or cotton wool to absorb or waste the iodine. Designed for the pocket, handbag or First-Aid kit, the slim bottle has a fitted fountain-brush head (Patented) with a controlled feed ready for instant and accurate application.

This sensible and ingenious solution of a pack problem fulfils a wartime need and cannot fail to stimulate the sale of a product already in steady demand.



British Patent No. 494991

**LEAK-PROOF
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MINER'S

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PLEASE NOTE NEW PRICES :

9d. SIZE... 6/- per doz....plus 1/- per doz. purchase tax.

1/6 SIZE...12/- per doz....plus 2/- per doz. purchase tax.

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Protected by the P. A. T. A.

From your regular wholesaler or direct from HENRY C. MINER LTD., 7 Stanhope Terrace, W.2.

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HIGH GRADE LONG OVERALL COATS

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at 13/9, 15/-

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at 8/6, 9/11

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faction Guaranteed.

Postage: 1 coat 7d.; 2 coats 9d.
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BOIL DRESSINGS

The complete treatment
for Boils

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The "CASH"

CAPTIVE BOLT PISTOL



FOR CATS, DOGS AND
ANY SIZED ANIMAL

GIVES INSTANTANEOUS UNCONSCIOUSNESS
—SAFE, SIMPLE, CLEAN, ECONOMICAL—
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for
DENTAL PLATES

"Squeezed from a tube"

THE NEW BETTER TYPE FIXATIVE

Holds firmer and three times longer than ordinary fixatives

Available for Immediate Delivery

PILENTA TOILET SOAP.

Chemists will be glad to hear that we can offer immediate delivery of limited reasonable quantities of Pilenta Toilet Soap.

This de luxe Soap has always held a high place in the regard of the discriminating.

Full 3-oz. Tablets, 1/3½d. retail, including purchase tax. Wholesale, 10/- per dozen, plus 3/4 tax.

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We are glad to announce that we have now sufficient stocks of Clynol Berries to last with care for some time to come. We regret that circumstances beyond our control have kept us out of stock for so long.

Prices: WHOLESALE, 32/- per dozen, plus 5/4 tax. RETAIL 4/5½d.

(Both on the **PATA** List)

It would be wise not to delay in placing your order.

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Hellidon House, Hellidon, Nr. Daventry, Northants

'SUPER SHAVE'
for 'Super' Sales

*and for the
perfect BRUSHLESS
shave with
after-shaving
freshness!*



RETAILS AT
1/10 4 oz. Jar

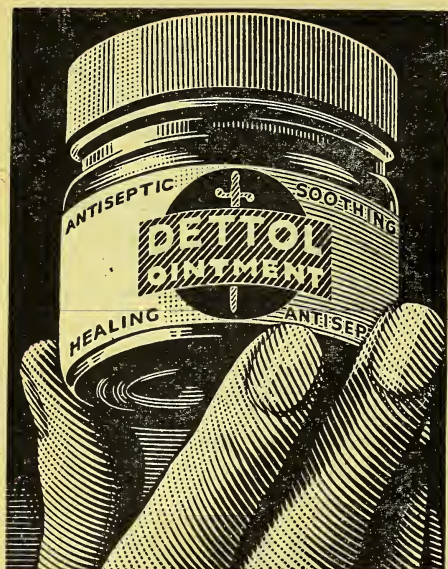
Terms on application

LONDON PHARMACEUTICAL LABORATORIES, LTD. 37 BEDFORD SQUARE, LONDON, W.C.1

'SUPER SHAVE,' the last word in brushless shaving creams is fast becoming first favourite. . . . Display and recommend 'SUPER SHAVE' and see how it speeds up sales as well as speeding up shaving.

'SUPER SHAVE' represents SUPER VALUE plus QUALITY to merit your confident recommendation. Stock up NOW for steady, satisfactory sales.





Dettol Ointment is now packed in jars, instead of tubes, in order to save metal for munitions.

Dettol Ointment

presents the active germicidal principle (*P*-chlor-*M*-xylenol) of 'Dettol' antiseptic in a smooth, soothing base. The base is emollient and curative. It penetrates deeply, effecting close and prolonged contact between the bacteria and the bactericide. For all septic, and potentially septic, conditions of the skin, where an ointment form is preferable to a liquid antiseptic, Dettol Ointment may be recommended with confidence.

Packed in 1-lb. jars for Hospital and Surgery use.

RECKITT AND SONS,
HULL AND LONDON. (PHARMACEUTICAL DEPT., HULL)



A-D CAPSULES N.W.F

CAPSULA LIQUORIS VITAMINORUM A et D
CONCENTRATI
(CAPS. LIQ. VITAMIN A et D CONC.)
NATIONAL WAR FORMULARY, AMENDMENT
No. 2 (JANUARY 1943)

Each capsule is equivalent in Vitamin A content to 4,500 units of Vitamin A and 450 units of Vitamin D in 3 minims of an oily medium.

DOSE: 1-2 Capsules a day, or as otherwise prescribed.

Price on application



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Telegrams: Menformon, Rand, London



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For the "professional style" cleaning of DAINTY AND DELICATE FABRICS, SUITS, HATS, SATIN AND BROCADE SHOES, GLOVES, SCARVES, TIES, CARPETS, also for WINDOWS, MIRRORS, BATHS, PAINTWORK, etc., use **Solitaire Dry Cleaner.**

Solitaire Dry Cleaner is perfection itself for the cleaning of all fabrics, no matter how dainty. No chemical bleaching action. Leaves no "ring." Non-flammable. Different from other solvents—cleans by the action of millions of tiny globules which gently carry away all dirt.

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SPECIALISTS IN THE MANUFACTURE OF

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INFUSIONS · OINTMENTS · SUPPOSITORIES.
PROPRIETARY AND OWN FORMULA PILLS AND TABLETS

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No caps, clips or rings.
Just pour it on and leave
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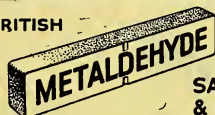
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Less 33% Retail
Less additional 10% wholesale
Wholesale enquiries invited

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**SAFE SOLID FUEL
& SLUG KILLER**

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SPECIALISTS IN B.P. POWDER.

Also Technical and Industrial qualities. All Grades of Whole
Flakes as imported. Samples and prices on request.

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We manufacture... every variety of

COMPRESSED TABLETS

We can
give deliveries
on time and
invite enquiries

for the Manufacturing
& Wholesale Drug Trade

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(L.C.A. TOLKIN)**
SILSDEN, Nr. KEIGHLEY, Yorks

★ *an improved pack.*



Hitherto, **Dō-Dō Prophylactic Pastilles** have been packed 21 in a tin, retailing at 1s. 8½d. inclusive of tax. From now on, they will be packed 28 in a bottle, to retail at 2s. 3d. inclusive of tax. Born of necessity, the new pack is really an improvement in appearance, and the value to the public is identical. Needless to say, **Dō-Dō Prophylactic Pastilles** are unchanged, remaining a most valuable preventive of infection by germs of the common cold, influenza, etc.



P.A.T.A.

INTERNATIONAL LABORATORIES LTD. CHARLBURY, OXFORD



A recent Ministry of Food Order restricts the manufacture of

LINSEED, LIQUORICE AND CHLORODYNE LOZENGES

and other items to 50 per cent. of pre-war basic period production and consequently we have no option but to reduce all orders proportionately. Much as we regret the necessity for so doing we feel sure that we can rely on the indulgence of our chemist friends in these difficult days.

ROBT. GIBSON & SONS, LTD.
MANCHESTER and LONDON

THE WAR ON MOTHS SELL **“OLEV”**

REGD.
TRADE
MARK

The New Scientific **MOTH KILLER**

“OLEV” actually **Kills the Moths and Moth Grubs.**

Far Superior to Naphthalene preparations and Camphor, which only tend to keep away the adult moth by the unpleasant smell they give off, and do not kill.

Moreover such preparations leave smell clinging to clothes. No such smell attaches to garments when “OLEV” is used.

See that Your Customers Use this Latest Weapon on the Anti-Moth Front.

Prices to Retail Chemists:—

3 doz., 4s. 6d. per doz. 1 gross, 4s. per doz.
CARRIAGE PAID. Net 14 days account.

Retail price 6d. per large carton

Good margin of Profit. Not subject to Pur. Tax
Order from your Wholesale Chemist or direct from the Manufacturers:—

CHILVA LABORATORIES LIMITED
Russell Chambers, Merrion Street, LEEDS, 2



Rendells

PRODUCTS

P.A.T.A. for Feminine Hygiene

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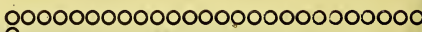
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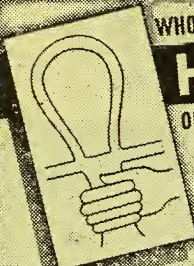


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NEWS OF THE WEEK

Key Industry Duty.—The Treasury has made an Order renewing until June 30, 1944, the exemption from Key Industry Duty of all articles which are at present exempt from the Duty.

Toilet Preparations.—The Board of Trade has issued the Toilet Preparations (No. 2) Order, extending the operation of the Toilet Preparations Order (S. R. & O., 1942, 2605) for a further two months. The current restriction period, which began on January 1, will therefore cover eight months instead of six, and end on August 31. The total quantity of controlled goods of his own manufacture which a registered manufacturer may supply during these eight months is thus: Powders: 43½ per cent. of his supplies of powders in the standard period. Other toilet preparations: 13½ per cent. of his supplies of toilet preparations (excluding powders) in the standard period, or £333 6s. 8d., whichever is the greater. Otherwise all the provisions of the Toilet Preparations Order, 1942, continue to

operate, and manufacturers participating in a concentration scheme approved by the Board of Trade will continue to enjoy the same advantages as hitherto.

Purchase Tax Liability Decision.—The following decision regarding the liability of certain articles to tax is published as supplementary to those already given in Notice No. 78B: "It should be noted that the list of simple drugs and single chemical compounds referred to in paragraph 2 in the 'Not Chargeable' column on page 2 of Notice No. 78B covers only the substances specified in the British Pharmacopœia or British Pharmaceutical Codex under the listed names. It does not include preparations made from such substances. Accordingly, solutions prepared for medicinal purposes, e.g. the liquors of the B.P. or B.P.C. (other than liq. ammon. fort., liq. formaldehydi and liq. hydrog. perox.), are chargeable with tax as compounded medicinal preparations whether or not put up for medicinal use.

Licence Application.—Mr. Saul Victor Taylor, trading as Rolyat Perfumery Co., has applied to the local price regulation committee for a licence under the Location of Retail Businesses Order to carry on a retail business in toilet preparations, chemists' sundries and fancy goods at Holme Street, Blackburn.

Pharmaceutical Corps.—The director of training of the Pharmaceutical Corps (Mr. J. Ross-Mansell, B.Sc.) is going into hospital for an operation, and while he is there section officers are asked to address communications to Mr. L. Hayward, M.P.S., 3 Queen's Parade, London, N.10, or to Mr. T. C. Neville Booth, M.P.S., 44 Cannon Hill, N.14. The general muster that was to have taken place at the large Conway Hall on July 27, with the award of prizes and certificates, has been postponed. It is hoped to hold it during the first week in September. Full details of the meeting will be announced at a later date.

Warning to Retailers.—Some time ago the Central Price Regulation Committee issued a warning to retailers against buying through any but the recognised channels, lest by so doing they failed to obtain proper invoices for their stocks and thereby offended under the invoices Orders. In repeating this warning, the Committee also points out that retailers should see that where purchase tax is payable the actual amount paid is stated as a separate item in the invoice. If this is not done the retailer may find himself unable to price his goods in accordance with the regulations made under the Goods and Services (Price Control) Acts and thus render himself liable for prosecution. This particularly applies to retailers governed by Orders controlling their selling price by permitting a fixed percentage to be added to their cost price exclusive of purchase tax.

Spraying Against Potato Blight.—Chemists dealing in horticultural requisites should note that potato blight has appeared in several widely scattered areas (South-west and South Wales, Somerset, Hampshire and the Holland Division of Lincolnshire). It is unusual for potato blight to occur in these districts as early as June, and preventive spraying is recommended. Copper-containing sprays such as Bordeaux or Burgundy mixtures or a ready-made potato spray should be used. To be effective, spraying must be done before blight appears in the crop. Normally, the first wet spray is applied when the plants are meeting between the rows, but if blight has been

reported in the area the sooner the first spray is put on the better. Additional sprayings at intervals of about three weeks may be necessary.

Pharmacists in Eire Elections.—Mr. John J. Cole, Ph.C., was returned to the Dail Eireann as Independent member for Cavan in the recent general election. Dr. Myles Keogh and Messrs. Frank Loughman, M.P.S.I. (Fianna Fail, Tipperary), Hugh B. O'Donoghue, M.P.S.I. (Independent, Virginia, co. Cavan), and Michael O'Rourke, M.P.S.I. (Fianna Fail), were unsuccessful.

Scottish Federation's Activities.—The executive committee of the Scottish Pharmaceutical Federation met recently, Mr. John Weir presiding. The secretary's short report on what the Federation had been doing dealt with indemnity claims; complaints against several members of charging too much under the Price Control Acts; charges of illegally selling a drachm of quinine (member admonished); of alleged throwing down of straw on the street (case dismissed), and under the Lighting Restrictions Order (£1 fine). Letters had been exchanged with the Ministry of Food about difficulties in obtaining honey for making pharmaceutical preparations. The Federation had recovered in full an amount claimed from a railway company for a lost hamper and contents—a claim not at first admitted by the railway company—and had secured the immediate forwarding of goods paid for by a member in July 1942 but still undelivered at the end of February. A rent payment by a member who was refused a licence to open a business was refunded through the agency of the Federation. The Council also considered the accounts for the year ended April 30, which showed a satisfactory surplus (these were unanimously approved subject to audit); the Chemists' Friends movement in Scotland; reports on meetings of the Drug Trade Council; correspondence with the Pharmaceutical Parliamentary Committee, London, concerning the Draft Constitution of the Committee; the pharmacy committee on health services in Scotland; and regulation of wages and conditions in retail pharmacy. A report was given on this by Mr. C. A. Buick, Port Glasgow. Mr. Buick and Mr. W. Spence Culbert, Airdrie, were unanimously appointed *President* and *Vice-president* for the year, and Mr. John Weir (retiring president) was thanked for his strenuous work for the Federation for Scottish pharmacy and pharmacy in general during his tenure of office.

Eire Drugs Delivery.—Eire chemists are extremely pleased at the recent arrival from the United States of a consignment of drugs and oils. Particularly welcome was a quantity of five thousand gallons of cod liver oil from Newfoundland. Stocks of this oil had run very low in Eire, and the consignment was especially needed in view of an increase in rickets amongst children and tuberculosis amongst young people. Another important item was ten tons of extract of malt and cod liver oil. Some well-known liver preparations, a quantity of saccharin, mercurial salts and mercury were also among the items received.



IRISH CHEMISTS' GOLF.—The captain (Mr. J. F. O'Hara), Irish Chemists' Golfing Society, photographed with cup at the Society's three-day outing at Greenore, co. Louth, recently. On the captain's left is Mr. T. P. Toher, Sligo, pharmacist president of the Golfing Union of Ireland. (See C. & D., June 12, p. 593)

Northern Ireland Examination Results.—

The following candidates were successful in the final Qualification examination of the Pharmaceutical Society of Northern Ireland held recently: Joseph Anderson; John Callaghan; Ellen Curran; Hugh Eakin; John Graham Finlay; William James Gray; Thomas Henry Hamilton; John Kirk; William Henry Irwin; Catherine MacDermott; Mary J. McAllister; George McCloy; Charles E. McGettigan; Peter Joseph Mallie; Eugene Peter Murphy; Harold Shaw Porter; George Oliver Robinson; George Percival Taylor; Francis Ward; Alfred Wyffe Wilson.

Death from Strychnine.—The death of an eighteen-year-old girl, Elizabeth Barbour, Tattynure, Omagh, co. Tyrone, daughter of a farmer, was the subject of an inquest at Omagh recently. It was established that death was due to strychnine poisoning, but there was no evidence to show how the poison was administered. Deceased was employed as a bookkeeper in the shop of Mr. H. A. Kyle, Ph.C., Omagh. Dr. H. K. Lawton, Belfast, said although the amount of strychnine recovered from certain organs was small there could be no doubt that she died from strychnine poisoning. Mr. H. A. Kyle said deceased had no access to poisons,

which were locked in a press at the rear of the shop. A verdict in accordance with the evidence was recorded.

Recent Advances in Immunochemistry.—

An address under this title was given by Mr. W. T. J. Morgan, Ph.D., D.Sc., to members of the Royal Institute of Chemistry on June 16. The speaker said that although methods for protecting men and animals against certain infectious diseases had been known for many years, it was only within the last decade that the nature of the substances that induced this resistance had been at all clearly defined and their composition and structure expressed in terms of chemistry and physics. The bodies termed bacterial antigens were specific for each organism, and it was at one time considered that the nature of its protein component was responsible for the antigen effect. It was proved that filtrates from virulent bacterial culture contained a specific polysaccharide and were free from intact protein. The specific polysaccharides nevertheless had no appreciable antigen effect, which was conferred by linking the specific polysaccharide with a polypeptide-like component—probably a conjugated protein. The two bodies were essential for antigenic specificity, but other bodies such as phospholipins were associated with and appeared to enhance the specific antigenic effect of the protein-polysaccharide molecules. Non-antigenic polysaccharides of one organism would form an antigenic complex with the conjugated protein component derived from an antigen of an entirely different bacterial species. It was possible by such means to produce antibodies with the polysaccharides of agar-agar, cherry gum, and gum acacia from which immune-body could be prepared which agglutinated the polysaccharide of these gums. Similarly a polysaccharide that was found to possess blood-group A specificity when linked with bacterial somatic conjugated protein provided a powerful anti-A serum which should be useful in routine blood-agglutination tests.

"C. & D." QUIZ, NO. 5

1. Why are bougies so called?
2. What is coster's paste?
3. What is sal alembroth?
4. What is "enfleurage"?
5. What is methenamine?
6. What is black cohosh?
7. What is ganjah?
8. When was strychnine first isolated?
9. What is *Siadorea panicea*?
10. Are rose hips a war-time introduction to medicine?

TOPICAL REFLECTIONS

A Judicious Manifesto

The address by the president of the Pharmaceutical Society at the Branch Representatives' meeting on June 14, phrased in studiously moderate terms (*C. & D.*, June 26, p. 652), was a fitting approach to the discussion of an important and complex subject. Your editorial article on pp. 657-59 forms a valuable comment on the occasion. The world has moved on since the days when we used to be told that the Society, through its Council, was the all-sufficient authority for the governance of pharmacy. The change of outlook disclosed in the president's manifesto is noteworthy. With the introductory summary of disabilities given by Mr. Howells there will be general agreement; but do modern conditions "tend to require to a greater extent than formerly that the pharmacist should employ his knowledge rather than his skill"? If that statement means only that fewer galenicals of historic types are made and dispensed in pharmacies than was the case fifty years or so ago, we can all assent: it does not follow, however, that the skill of the pharmacist is now at a discount. On the contrary, the indications are that the demand for skilled handling of medicaments is increasing. Some dispensing departments, I believe, need enlargement so as to afford more room for the more scientific types of manipulation disclosed in Conference monographs and elsewhere. As you point out, the outlay involved may sometimes be beyond the means of a proprietor, and the possibility of a grant should be taken into consideration.

Further Control Envisaged

It is a sign of the times that a considerable part of the president's address was devoted to a foreshadowing of fresh control. The medium favoured by him is "some form of Pharmacy Commission, predominantly pharmaceutical . . . under the Ministry of Health." A separate Commission, he added, might be necessary for Scotland. It will be remembered that the first National Health Insurance Act was administered by Commissioners prior to the establishment of the Ministry of Health; it may be that two Commissions of suitable constitution would work smoothly, at any rate for a time, in launching any new scheme of dispensing on a national scale. Your remark that the scope of such a controlling body must be limited to its proper functions is timely. The medical profession will evidently not

tolerate unlimited control from Whitehall: pharmacy should be equally resolved on this crucial point. This attitude is the more necessary because of the president's tentative suggestion that the proposed Commission might control proprietary medicines and the development of chemists' shops not participating in the new service. For it is to be observed that the Commission is already to be entrusted with the function of squaring facilities with needs "in the light of geographical and population factors," a phrase which, though used in connexion with what are called out-patient dispensaries, opens a prospect of limiting the number of pharmacies in the country. If, however, the constitution and powers of the new body or bodies are wisely delimited, there seems to be no reason why it or they should "impose standards which to some may prove to be irksome." Each Commission and the pharmacists under its control will want exactly the same thing, namely, first-rate dispensing; it would thus seem that the only reason for any standards being irksome would be the ignorance of the body that imposed them. The president's warning against letting matters drift will be endorsed by all your readers.

Science and Politics

Your editorial article on the relation of men of science to the community, and in particular to the political element in it (p. 659), is helpful. When Lord Melbourne (a wiser premier than is sometimes supposed) said that government is the art of getting out of one muddle into the next, he conveyed a truth under his mask of cynicism. Chemists, like other professional men, must sometimes make a mental comparison between the rigorous training and scrupulous exactitude of typical men of science on the one hand, and the sound and fury of ordinary politicians on the other hand. The inference is that politics oversimplifies. In the hunt for votes everything must be made easy for the beflattered man in the street. But life is neither easy nor simple. So chemists, though aware that there must be politicians and occasional contact with them, are content to make their own contribution to the life of the community in the best ways open, patiently looking forward to the time when, some generations hence, our rulers may be chosen on a less haphazard system by a more highly educated electorate. **Xrayser**

TRADE NOTES

New Size.—To comply with a Government Order, Bob Martin, Ltd., Southport, are in future issuing Tibs in 9's and 27's only (no more 21's). The price ratio remains the same.

Makers of Ruthmol.—The manufacturers of Ruthmol chloride-free salt are Antigen Laboratories, Ltd., 95 Great Portland Street, London, W.1. [Corrected note.]

Packet Dyes.—Dinky dyes, in fifteen shades and black, brightly packed and displayed, are being advertised in leading provincial papers by S. Tatlow & Co., Ltd., Eckington, Sheffield.

More Points Needed.—Bickiepegs, Ltd., announce that the recent rise in points value for biscuits has the effect of halving the number of packets per point for such of their products as require points.

Penetrative Skin Products.—Claimed by the makers, Bio-Colloids, Ltd., Altrincham, Cheshire, to have unusual penetrative powers, SD₂ cream and liquid are sold under a money-back guarantee of satisfaction. Supplies are available for prompt dispatch.

Changed Titles.—The makers of Tintex dyes (distributors, Thos. Christy & Co., Ltd., Old Swan House, 3 Castle Street, Farnham, Surrey) announce that the names of two of their stocking dyes have been changed from Tanglo and Pan to Carib and Newmarket respectively.

Supplies Available.—Parke, Davis & Co., 50 Beak Street, London, W.1, announce that limited stocks are again available of alum-precipitated toxoid (A.P.T.); anti-flavus tablets, C.T. 625 (modified formula); Citronin; hydrogen peroxide solution (ten volumes); Taka-diatase tablets, gr. 2½; and Vi-siblin.

Asthma Inhalant with Papaverine.—Riddell Products, Ltd., Axtell House, Warwick Street, London, W.1, state that all supplies of Riddobron inhalant now being sent out contain papaverine as in the original formula. Small stocks of Riddobron inhalant with ephedrine are being held to meet special orders.

Powerful and Safe Detergent.—Sulphonated Hydrocene powder, a preparation newly introduced by Chemical Colloid Corporation, Ltd., Solvent Division, 120 Victoria Street, Westminster, London, S.W.1, is an acid- and alkali-stable surface-active agent active over a wide pH range. Its wetting, penetrating and foaming

properties are stated to be actually enhanced by hard water or sea water. The product reduces the surface tension of aqueous solutions and the interfacial tension between aqueous solutions and oils, fats, solvents, hydrocarbons, etc. Samples and information are readily furnished by the makers.

Business Changes

COUNTY PERFUMERY CO., LTD., have removed to 17-19 Stratford Place, London, W.1, to which all correspondence should be addressed. Telephone: Mayfair 8643.

Proprietary Articles Trade Association

Alterations to Protected List.—*Anestan, Ltd.* (Distributors, *Fassett & Johnson, Ltd.*).—Retailers ordering 3-doz. lots of Anestan tablets are allowed an additional 5 per cent. discount.

Bob Martin, Ltd.—Tibs cat powders, 1s. 1½d. size (including tax) withdrawn and superseded by a pack containing twenty-seven powders, 1s. 4d., 12s. doz., tax 2s. doz., inclusive retail price, 1s. 6d.

A. Wander, Ltd., Alasil tablets, new small size, 5d., 3s. 9d. doz., tax 7½d. doz., i.r.p. 6d.

English Grains Co., Ltd., Yestamin tablets now exempt from purchase tax.

COMPANY NEWS

VOLVOC, LTD. (P.C.).—Capital £200. Manufacturers of and dealers in chemicals, drugs, disinfectants, toilet requisites, etc. Directors not named. Solicitors: Swann, Hardman & Co., 10 Norfolk Street, London, W.C.2.

KENNEDY HYGIENE, LTD. (P.C.).—Capital £1,000. Chemical manufacturers, dealers in perfumes, disinfectants, chemists' sundries, etc. Arthur Talbot and Arthur R. Kennedy, directors. R.O.: 37 Kingfield Road, Ealing, London, W.

CLARKES (AMMONIA SPECIALISTS), LTD..—Capital £2,500. To acquire the business of manufacturing chemists carried on by John Eckford as "Clarkes Manufacturing Chemists." John Eckford and Stanley H. Channon, directors. R.O.: Spring Farm, High Street, Feltham, Middlesex.

RIMMEL (DISTRIBUTORS), LTD. (P.C.).—Capital £5,000. Dispensers, compounders, manufacturers, owners and vendors of proprietary and other medicines; importers, exporters and distributors of and sales agents for such products; general druggists' sundriesmen; manufacturers of and dealers in perfumes, etc. To establish and run "prescription services" and mail-order systems. Directors to be appointed. R.O.: 14 Suffolk Street, Pall Mall, London, S.W.1.

BRANCH REPRESENTATIVES' MEETING

The Pharmaceutical Society of Great Britain has issued a report of the discussions at the Branch Representatives' meeting held in London on June 14, and an abstract is given in the following pages. The text of the President's address was published in the "C. & D," June 26, pp. 652-55.

Draft Additions to the Council's Statement upon Matters of Professional Conduct

BEFORE calling on Mr. F. C. Wilson (chairman of the Organisation Committee) to introduce the discussion on the Draft Additions to the Council's Statement upon Matters of Professional Conduct, THE PRESIDENT extended a cordial welcome to Branch representatives.

In introducing the discussion, MR. WILSON recalled that the Statement was issued by the Council in April 1939. The Organisation Committee had reviewed that Statement, and had drafted a number of items upon which the views of the Branches had been invited. Some thirty Branches had responded to the invitation, and their views had been much appreciated by the Committee. One or two Branches had suggested that there should be no Statement on Matters of Professional Conduct, the argument being that any Statement restricted the activities of the pharmacist, and that there should be no restriction, unless the pharmacist received some compensating income. Mr. Wilson reminded the Representatives that they must first deserve their recompense, and prove in practice that they deserved it. On behalf of the Organisation Committee, he explained to the meeting that Representatives were being asked to indicate by their voting whether or not they agreed with the general principle of the draft additions, and to indicate, in their comments, undesirable loopholes left in the drafting, and any other reasons for modifying the suggested phraseology. Each draft addition was considered separately.

Arthritis

MR. WILSON explained that the Council had decided to delete from the list of diseases in respect of which advertisements of medicines should not be issued to the public purporting to cure or to exercise a salutary influence upon their course, those diseases advertisements of which had been controlled by the Pharmacy and Medicines Act, 1941, and that the Organisation Committee suggested that "arthritis" should be added to the remainder. The item would then read:—

"Advertisements of medicines should not be issued to the public purporting to cure or

to exercise a salutary influence on the course of the following diseases: arthritis, lupus, deafness, rupture."

He mentioned that it had been suggested, on the one hand, that conditions such as amenorrhœa, sexual debility, etc., should be added to the list of diseases, and on the other hand that arthritis should not be included. All the conditions suggested for addition had previously been considered by the Committee, who were not prepared at this stage to support their inclusion, for various reasons. The principal argument in favour of the non-inclusion of arthritis had been that there were medicines which comforted sufferers from arthritis. He agreed, and an advertisement to that effect was not prohibited; what was struck at was "purporting to cure" or "to exercise a salutary influence on the course of," not merely "to exercise a salutary influence on"—that is, claiming to stop it getting any worse, or to check its progress. He knew of no medicine which exercised a salutary influence on the course of arthritis; it was bound to take its course.

MR. J. WILKINSON (Bradford) asked how this would affect pharmacists who sold preparations advertised contrary to this item, either in the national Press or even in literature enclosed with the medicine. MR. WILSON answered that unless the pharmacist concerned was responsible for issuing the advertisement, he was not affected.

MR. W. MARTIN (Birmingham), MR. J. REED (West Ham and East Metropolitan) and MR. EDGAR JONES (Brighton) discussed different forms of arthritis, and assumed that all forms were included in the single word "arthritis."

MR. E. FRASER (Aberdeen and N.E. Scottish) asked whether disciplinary action would be taken in the event of an infringement of the Statement. MR. WILSON replied that breaches of the Statement would be reported to the Statutory Committee, and it would be open to that body to take what action it considered appropriate. He thought that medical opinion agreed that arthritis was not a condition which should be treated by self-medication, and

the Organisation Committee was striking at advertisements which would lead to self-medication for arthritis. MR. FRASER asked whether "the man next door" would be allowed to sell preparations prohibited to the pharmacist.

MR. M. JACKSON (Leeds) asked how far the Statement would conflict with common justice, which might be the ground of an appeal to the High Court, if the Statutory Committee were to direct the removal of a man's name from the Register for unprofessional conduct.

THE SECRETARY (Mr. Hugh N. Linstead) explained that a Statement of the type which they were considering served two purposes. It provided a standard for people who were looking for a standard which they wished to observe for their own purposes, and it gave a guide to the Statutory Committee as to the things which were regarded by the majority of pharmacists as things which should not be done. The High Court would come into the picture only in the event of the Statutory Committee taking some action, and if the Statutory Committee heard what the man had to say, and gave him every opportunity of presenting his case, the High Court was not likely to interfere with the decision of the Statutory Committee.

MR. C. CAMPBELL (Glasgow and S.W. Scottish) expressed surprise that the Statutory Committee had the right to take action for infringement of the Statement. He understood that the jurisdiction of the Statutory Committee applied only when there had been a breach of the law. In reply the SECRETARY pointed out that the Statutory Committee could deal with two kinds of offence: conviction for a criminal offence in the ordinary criminal courts, and conduct which, in the opinion of the Committee, rendered a man unfit to be on the Register. In the case of the second class of offence, the Statutory Committee alone were the judges; there was no question of criminal law. That was where a professional body came in and said "Over and above the criminal law of the country, we consider that certain conduct is unworthy of a member of our profession." They dealt, therefore, not only with criminal convictions but with misconduct, and under that second heading they had taken action in a number of cases where breaches of the Statement had been involved.

MR. D. HUDSON (Brighton) reminded the meeting that the subject under discussion was advertisements, and not sales.

Before the vote was taken, THE SECRETARY reminded the meeting that they were concerned only with advertisements to the public, not to the doctors, and that, on the general merits of the case, all of them must know of people suffering from one type or other of arthritis, who rushed to any sort of remedy because they realised that the disease was creeping on them slowly over years. He would have thought that it was indefensible that the disease arthritis, whatever brand it might be, should ever appear in an advertisement issued to the public. Any one suffering from arthritis should go to his doctor, and get the best medical treatment he could.

The item was accepted by a large majority.

Contraceptives

"Contraceptive preparations and appliances or their illustrations should not be exhibited in windows or showcases, or on counters."

MR. J. E. GOODALL (West Middlesex) said that, as he interpreted their feeling, his Branch objected to any control which restricted sales.

MR. J. L. HIRST (Liverpool) suggested that the item should be re-worded so as to prevent exhibition or advertisement in any way.

MR. M. S. HUGHES (Hastings) asked whether this item would curb advertising by businesses of the type that sold contraceptive preparations and apparatus almost exclusively. THE PRESIDENT (Mr. W. S. Howells) explained that the Society had no control over such businesses.

MR. P. G. FLOOD (S.E. Metro.) said that what other places of business did did not concern them. They were concerned with the good of pharmacy and the future of pharmacy. He thought there would be legal control in a few years.

MR. C. CAMPBELL (Glasgow and S.W. Scottish) was against the proposal. He felt that the pharmacist should be allowed to use his discretion. The public liked to know, before entering a pharmacy, that contraceptive preparations were obtainable there.

MR. P. CRES (Birmingham) supported Mr. Campbell, and suggested that the real object of the clause was to prevent the pharmacist giving offence to people who might look upon contraception as something bad in itself. Displays should not be altogether prohibited.

MR. NORMAN DEWEY (Thames Valley) suggested that some token or sign should be allowed, so that the public might go to the proper channel for proper appliances, in preference to disreputable shops.

MR. WILSON pointed out that the item did not prohibit the exhibition of what had been referred to as a discreet notice that contraceptive preparations and appliances were stocked. He also assured Mr. Hirst that the Organisation Committee would review all of the draft items in the light of the remarks from Branch representatives.

MR. W. J. EVANS (Cardiff) hoped that the item would be accepted. The argument against it seemed to be that, if they adopted it, they might lose some business, and he thought that the public as a whole knew that they could go to the chemist for contraceptives and obtain advice.

The item was accepted by a very large majority.

Soliciting Orders from Door to Door

"Orders for drugs and medicines should not be solicited from door to door."

MR. WILSON said that the replies from the Branches showed that a very large majority were in favour of the general principle underlying the item, although some considered that there should be a clause to make it clear that there was no objection to a pharmacist taking orders by arrangement with his regular customers, for example, in certain country districts. That practice the Committee did not regard as "soliciting from door to door"

within the meaning of the clause. The act struck at was the chemist's representative going from door to door, calling upon people who were not his employer's regular customers, for the purpose of obtaining orders.

MR. W. F. REDFERN (N. Staffs) suggested that after the words "drugs and medicines" they should add the words "for human consumption." That would make it permissible for farmers to be canvassed for orders for certain preparations for veterinary use.

MR. WILSON saw no reason why some such modification should not be accepted.

MR. A. B. GILMOUR (Glasgow and S.W. Scottish) suggested that the words "for human use" should be adopted.

A Representative suggested "for the treatment of human ailments."

MR. L. HAYWARD (N. Metro.) thought that it would be an improvement if the word "solicited" were replaced by the word "peddled."

MR. J. E. GOODALL (West Middlesex) repeated the objection which he raised under the preceding item. He would not object if the item were amended so as to prohibit soliciting for orders from door to door within a certain distance of another chemist.

MR. J. WILKINSON (Bradford) thought that the shopping habits of the public had altered. In many instances the shoppers rarely or never visited the shops. They must move with the times.

MR. R. MACDONALD MURRAY (Tees-side) said that soliciting orders from door to door was upsetting the pharmaceutical service in his area.

MR. W. STANIER (N. Staffs) asked why the item had been brought forward at all. Ninety-nine per cent. of pharmacists did not solicit orders in that way, so what was the need for control?

THE PRESIDENT explained that the need was to bring the other 1 per cent. into line.

MR. SINCLAIR BRUCE (Sunderland) supported the adoption of the clause with the addition of the words "for human use."

MR. W. LEE (Nottingham) asked whether the item would prevent a chemist who was opening a new business sending a circular letter round to the population of the district, saying that he was opening. ("No.")

MR. H. HUMPHREYS JONES (Liverpool) asked whether a chemist might call upon his own customers for orders. ("Yes.")

The item was accepted by a very large majority.

Association of Pharmacists with Marketing of Products

"The name and qualification of a pharmacist should not be associated with the marketing of any preparation or treatment, unless the pharmacist is personally engaged in the business so as to be able to supervise the marketing and distribution."

MR. WILSON stated that the replies from the Branches indicated general approval.

MR. C. CAMPBELL (Glasgow and S.W. Scottish) thought the word "medicinal" should be added between "any" and "preparation."

MR. H. C. TRISTRAM (Birkenhead) thought that the Organisation Committee should hesitate before modifying the wording of the item in the manner suggested by the previous speaker. A man might use his qualification in connexion with a wireless invention or a photographic invention.

MR. L. HAYWARD (North Metro.) asked whether the item would prevent a pharmacist continuing a business under the name of his predecessor.

THE PRESIDENT remarked that no such prohibition was intended.

While agreeing that the wording should be re-examined, THE SECRETARY thought that if a pharmacist used his name and qualification in the marketing of any article, he ought to have such control over that article as to be able to accept personal responsibility for it. That, broadly, would apply whenever a pharmacist's name and qualification were used for boosting any particular article. The item did not prevent the name and qualification of pharmacist being attached to anything, but if it were, then that pharmacist must have personal responsibility for the marketing of the article.

The item was accepted without dissent.

Authorised Sellers of Poisons and Retail Sale of Drugs

At the president's suggestion the following two items were discussed together:—

"A pharmacist shall not be a director or partner of an organisation carrying on a business comprising the retail sale of drugs otherwise than as an authorised seller of poisons."

"A body corporate shall not operate a subsidiary organisation in which any of the directors, members of the committee of management act in a similar capacity in the principal organisation to carry on business comprising the retail sale of drugs otherwise than as an authorised seller of poisons."

MR. WILSON said that the two items were parallel. The first dealt with the individual and the second with the body corporate. The replies which had been received from Branches had shown general agreement, the only exception being that one or two Branches had expressed the opinion that no action should be taken on these items in war-time.

With the exception of MR. J. E. CROFT (Sheffield), who remarked that that was the first time that he had heard the Council accuse of going too fast, and suggested the acceptance of the items, all of those who spoke on the items expressed the view that they should be included in the Statement of Conduct upon after the war.

THE PRESIDENT invited a formal motion referring the items back to the Organisation Committee for further consideration, and this was carried without dissent.

Employment as Sole Pharmacist

"Employment as the sole pharmacist in a set of premises should not be offered to, or accepted by, a pharmacist when he is not able or requires"

by his employer to perform the full duties of a pharmacist in charge of a pharmacy."

MR. WILSON said that, judging from the replies from Branches, this item would receive unanimous support.

MR. T. H. ELLIOTT (West Middlesex) suggested that the words "protective functions" were preferable to the words "full duties."

The item was accepted by a large majority.

Names of Substances

"Names of substances in the British Pharmacopoeia or British Pharmaceutical Codex, or names closely resembling them, shall not be applied to substances of a different composition."

A Representative commented that the Codex Committee had adopted the name "soda-mint," and he did not think that that Committee should take upon itself to define a legal standard for soda-mint, a term which had been in use for a number of years. It had resulted in their having to sell under that name an article inferior to that which they sold before the name was adopted for the Codex.

MR. M. S. HUGHES (Liverpool) suggested that the item should be re-worded to read "Names other than the official ones should not be given to B.P. or B.P.C. preparations."

MR. WILSON said that what it was intended to prevent was the sale, for example, of Compound Syrup of the Hypophosphites of . . . of a formula different from the B.P.C. Syrup. Hypophos. Co. but for which the label was so designed that the words "Compound Syrup of Hypophosphites" stood out boldly in comparison with the qualifying words, which were in small type. In this case, for example, the public is familiar with the beneficial action of the official preparation, and is not able to discriminate between the official preparation and the substitute.

The item was approved by a large majority.

Sale of Undesirable Articles

"Articles for medicinal use designated by the Council as undesirable should not be sold."

MR. WILSON said that this item involved a consideration of principle, and the Organisation Committee had not been surprised that Branches had said that the wording was too vague. For obvious reasons he could not name there, or in any public meeting, the names of particular articles which might be "designated" under this item. What he could say was that there were certain preparations containing an exceedingly cheap substance in small quantity which was sold with excessive claims, and at an exorbitant price. The Organisation Committee felt that the sale of substances of that nature by pharmacists did not reflect credit upon the calling.

THE SECRETARY pointed out that this was one of the most important subjects before the meeting. They were on the fringe of a very large question, which was primarily the responsibility of the Ministry of Health. The Ministry recognised that it was a very difficult subject, and was not anxious to deal with it. The responsibility, secondarily, rested as much with the doctors as with the pharmacists, and

the British Medical Association had from time to time tried to deal with it. About five years ago the Society and the B.M.A. made a joint attempt, but found themselves faced with all kinds of practical problems and difficulties, and had to abandon the attempt. No one, however, who felt any pride in pharmacy could be satisfied with the way in which pharmacy was used for the foisting on the public of a certain number of disreputable medicines. The item provided a simple way in which a beginning could be made with control. The difficulties were so great that they could make a beginning only with the most disreputable products. He referred to the product which came to the notice of the Statutory Committee called "hormonic repugnance cream," a preparation containing hormones which, when applied to the finger-nails, was claimed to prevent the user biting his nails. That was a new therapeutic use for hormones. An article of that type was so completely outside the pale that it ought to be "designated" under this item. If they could take a few of the really bad articles and put them on a short "black list," they would begin to create public opinion and to shame the Ministry of Health into doing its job, and they would show that pharmacy was anxious to protect the public against fraud.

The item was approved, with only a few dissentients.

Advertising of Dispensing Services

"That the advertising of dispensing services is undesirable and should not be permitted."

MR. WILSON said that the reason why this item was included for consideration at that meeting—it was added after the views of the Branches had been invited—was because of an influx of a number of complaints about advertisements for dispensing. The Committee had spent a great deal of time discussing this subject, and had come to the conclusion that the only way to control the advertising of dispensing was to say that it should not be permitted at all.

MR. J. E. GOODALL (West Middlesex) asked whether this item would prevent a pharmacist using the words "high-class dispensing chemist" on the fascia of his pharmacy. Would it prevent him putting up a showcard "Prescriptions accurately dispensed"? (Cries of "Yes.") He agreed that it was important to stop advertising in the newspapers, or by circulars, claiming some advantage over others.

MR. W. H. STOTT (Bedfordshire) felt that no pharmacist worthy of the name should find it necessary to advertise his dispensing service.

MR. R. MACDONALD MURRAY (Tees-side), referring to "fear" advertising, deprecated advertisements of medicines and dispensing which implied that the patient would be safer if his medicine was dispensed by one pharmacist rather than by another, or that the ingredients used would be of a different quality.

MR. G. GREENWOOD (Huddersfield) and MR. L. HAYWARD (North Metro.) thought that the existing item in the code which related to the issue of advertisements of a dispensing service and the proposed addition, overlapped.

MR. WILSON reminded the meeting that this item had been a late insertion on the agenda, and it was the principle, rather than the actual wording, which the representatives were asked to accept.

A Representative asked that mention of a number of prescriptions dispensed should be prohibited, to which THE PRESIDENT replied that he thought this was implied in the proposal.

The item was approved by a large majority.

Comprehensive Pharmaceutical Service

"That a pharmaceutical service should not be claimed to be offered at any premises either deliberately or by implication which is not reasonably comprehensive in its scope."

MR. WILSON said that the Organisation Committee was aware of a tendency to open pharmacies, but to offer only a limited pharmaceutical service. The Committee felt that the public was entitled to expect from every pharmacy the same scope of service, and not to find that at one premises all dispensing was refused, or that certain types of dispensing were refused, or that certain drugs, for example, Fourth Schedule or Dangerous Drugs, were not supplied, because to do so involved a certain amount of trouble.

MR. J. H. SPENCER (North Metro.) considered that this item should not merely be passed, but considerably strengthened. He would like the item to be modified, to make it unprofessional conduct for a pharmacist to enter or

remain in the service of any employer whose main business was not the selling, compounding, and dispensing of medicines.

MR. R. MACDONALD MURRAY (Tees-side) supported the proposal.

A number of speakers thought that this item was unnecessary in view of item 6 (Employment as Sole Pharmacist), and THE SECRETARY explained that there was a distinct difference although it was probable that the two items could with advantage be merged into one. The Committee would no doubt consider this possibility when reviewing the items in the light of the discussion.

MISS WINCH (Sunderland) said that in some pharmacies difficult prescriptions were refused and only the easy ones dispensed, that the pharmacist, in such circumstances, was not giving a comprehensive pharmaceutical service and that he ought not to be permitted to act in that way.

THE SECRETARY pointed out that the adoption of Mr. Spencer's proposal would prevent a company such as the Army and Navy Store from continuing the pharmaceutical department which they had had for very many years, and in which they normally employed a number of pharmacists. He felt that the Organisation Committee would appreciate what they had in mind, and if they would agree the principle and allow the Committee to reconsider the wording that would be the wisest course.

The proposal was adopted without dissent.

Pharmacy and the National Health Service

After complimenting the president on the clarity of his address (*C. & D.*, June 26, pp. 652-55), MR. J. E. GOODALL (West Middlesex) said he was particularly glad to have the information the president had given, because he had felt that the Society had been keeping its members in the dark. He thought that there should be a twenty-four-hour service, but it would be sufficient if, by means of a rota, one pharmacist only was available within a radius of two or three miles for emergencies. On the question of convenience and equipment, many pharmacies would need to be transferred to new premises if they were to be adequately equipped and staffed in the manner outlined in the president's remarks. Remuneration for National Health Insurance dispensing was totally inadequate and unsuited for use as a basis for payment for a National health service. He estimated, after careful examination, that a pharmacist engaged full-time in dispensing, and doing a good day's work, would dispense about 8,000 to 10,000 prescriptions a year. The dispensing fees on those prescriptions would amount to about £200, which, even if doubled, would be inadequate to recompense a pharmacist for his professional skill, premises, etc. The Society should

consider seriously the question of remuneration, possibly by way of a standard salary plus payments.

MR. R. E. JACKSON (Newcastle-upon-Tyne) said that his Branch had come to the same conclusions as the president had expressed. The dispensing fee was inadequate, and that would become more acutely apparent with an extension of the service.

MR. P. CREES (Birmingham) welcomed the statement made by the president. He was particularly glad that the Council had put forward constructive proposals for National health service and had not "gone against the stream" by raising all sorts of objections. There were several problems which would be difficult to solve. He wondered whether pharmacists conducting business on a small scale would be able to provide equipment to the necessary standard. The solution might be amalgamation of pharmacists and a pooling of resources. If they were not prepared to do that in many cases he thought the Government would say that retail pharmacy had not been able to fit itself into the requirements of a National health service, and dispensaries attached to local health centres would be set up.

In reply to a question by MR. STANLEY

(North Staffs), THE PRESIDENT said that as he envisaged the arrangements the doctors would not do any dispensing. Whether or not medicines were dispensed in established pharmacies depended upon whether or not those pharmacies were sufficiently equipped and staffed to undertake the whole of the work that the service would require.

MR. J. WILKINSON (Bradford) thought that they must acknowledge that a dispensing service in the health centre was the logical ultimate development. During the transition stage he anticipated a distinct cleavage in pharmacy, with the result that some pharmacists would concentrate their attention upon the professional aspect of pharmacy, while others would become distributors of packed goods.

MR. E. FRASER (Aberdeen and N.E. Scottish) asked for an assurance that the Council would make every effort to obtain a separate Pharmacy Commission for Scotland. He was old enough to remember the introduction of National Health Insurance, but was young enough to fight against similar conditions being introduced in the future.

MR. W. J. EVANS (Cardiff) hoped they would consider pharmacy as a whole and not as individuals. Even if a change were to the detriment of certain individuals, but to the advantage of pharmacy as a whole, that change should be made. Mention had been made of remuneration, and he felt sure that the Ministry of Health realised that National Health Insurance dispensing formed a subsidiary part of the business of a pharmacist, and, consequently, that the remuneration formed only a subsidiary part of his income. When that payment became the main source of the pharmacist's income, the Ministry of Health could not pay the pharmacist a mere pittance, but must do him justice.

MR. J. TEESDALE (Edinburgh and S.E. Scottish) thought that Scottish negotiations should take place through the Department of Health for Scotland.

THE SECRETARY said he did not think there could be any doubt but that there would be separate negotiations for Scotland and for England and Wales, but it was of vital importance that there should be the closest possible liaison when the negotiations were being conducted, if they were to prevent Scottish chemists being played off against English chemists or vice versa.

MR. E. CRONIN (Manchester) said that pharmacists were always talking about their status, but they forgot that the raising of their status must of necessity depend upon the manner in which they discharged their duties as individual members. It was their professional conduct in daily life, and the standard of efficiency maintained in their respective pharmacies, that truly reflected their real worth to society as a whole. The primary object of pharmacy was service, and the sooner they offered a respectable pharmaceutical service, the sooner would the Society be able to secure for them professional remuneration.

MR. D. HUDSON (Brighton) asked whether any representation had been made by the

Council to the Ministry of Health with a view to the formation of a pharmaceutical section in the Ministry, and had any arrangements been made regarding regionalisation.

THE PRESIDENT stated that no arrangements had been made, and, in reply to a supplementary question from Mr. Hudson whether any were contemplated; said that the outcome of that meeting, and the reaction of the members there, would help in shaping the Council's policy in the near future.

MR. M. JACKSON (Leeds) considered that pharmacy in the past had been guilty of training a large number of unqualified people. Many reputable pharmacists had trained people for the Apothecaries' Hall examination. That practice should stop. The educational requirements should be extended, and the pharmacist equipped to take a full part in pharmacological research.

MR. NORMAN DEWEY (Thames Valley) asked what constituted a "pharmaceutical service."

MR. W. H. STOTT (Bedfordshire) considered that the proposals would lead to fewer pharmacies but bigger and better pharmacies. Whether dispensing should be done in shops or in State dispensaries or at doctors' establishments did not matter, so long as the premises complied in every way with the conditions laid down by the proposed Commission and were under the control of a pharmacist. The new pharmacies would need to be equipped with an autoclave, a complete set of suppository and pessary moulds, a complete set of up-to-date scientific books, a refrigerator for storing vaccines and sera, and so on. Those should be essentials in the conditions to be laid down by the Commission.

THE PRESIDENT thanked Mr. Stott for so complete an answer to Mr. Dewey's question.

MR. B. E. DAVIES (North Metro.) thought that the older pharmacist would benefit from up-to-date post-graduate courses, and suggested that they should be organised by the Branches.

MR. J. H. HUGHES (Anglesey) said that in Wales they had tried to summarise their opinion under three headings: (1) the needs of the community must come first; (2) the pharmacist must provide a good service; (3) the service must be paid for, and paid for adequately.

MR. E. ROBINSON (Bradford) hoped the Council would consider remuneration in the form of capitation fees, with a view to establishing a formula for overheads, to vary with the locality, and a minimum remuneration to be paid to any pharmacy independent of the number of patients available to it, and also to fix a maximum number of patients for each pharmacist. The Council should ask Sir William Beveridge for his advice before placing their proposals before the Minister.

THE SECRETARY said that it appeared clear that there would be a gradual unification of the health services in the country. At one time there had seemed to be some urgency that pharmacy should submit its proposals to the Minister, by reason of the probable publication of a White Paper in July. It now appeared that there would be some delay in publication.

It seemed probable that the Health Service would have a general State framework, with considerable freedom within that framework. Pharmacy might be tempted to advocate merely an extension of National Health Insurance, but such a course was dangerous. At the beginning it might be satisfactory, but as time went on, and health centres were established and developed, dispensaries might be attached, and the patient be in a position to choose between taking his prescription to the dispensary or to the chemist. From that the development would be to a sufficient number of State dispensaries to make it no longer necessary for the patient to go to the chemist. That was why he advocated the establishment of a Pharmacy Commission. The doctors had found difficulty in accepting a State medical service, and they might find a solution to their problem in the formation of a Medical Commission, which, like the Pharmacy Commission, might be described as a halfway house between the Ministry of Health and the profession. Reference had been made by a speaker to the development of a pharmaceutical department at the Ministry of Health, and Mr. Linstead pointed out that there was an efficient pharmaceutical department at the Ministry, but he did not think they wanted to be completely dominated by Civil Servants, in spite of the excellent work which they did. A Pharmacy Commission could relieve the central, and possibly the local, machinery of a great deal of administrative work, and, as a semi-public body, could supervise the future development of pharmacy. The Pharmacy Commission might gradually build up an organisation which would take its place naturally in future developments. They should not be too concerned about its precise terms of reference at the beginning. One overriding consideration was that the existing facilities should be so organised as to guarantee to the public a first-rate service, beyond criticism. There was much improvement necessary in pharmacies. Pharmacy must take this opportunity to provide a first-rate service, through improvements in staffing, accommodation and equipment. That was not a task for the Pharmaceutical Society alone, but one in which all the organisations in pharmacy had to take part. The Society had been in close touch with the N.P.U., and there were other organisations from which the Society hoped to receive assistance. It would be unfortunate if there were any serious split in pharmacy; it would provide a situation where one section in pharmacy could be played off against another. Unity in pharmacy was more than ever important, and, if they had the spirit which had been exhibited at that meeting, they could embark upon the negotiations with some confidence.

MR. W. LEE (Nottingham) hoped that if a Pharmacy Commission were formed it would represent all branches of pharmacy. That was most important. In the past they had been divided, and that was why they had not received better treatment.

MR. J. E. CROWE (Sheffield) said that, judging by the hospitals with which he was familiar, where, from a pharmaceutical point of view, the

out-patients' department was closed at five o'clock, they had not much to fear in a comparison between the existing service given in pharmacies and that given in hospitals. He agreed with Mr. J. Wilkinson, who suggested that there would be a cleavage between pharmacists professionally engaged and those commercially engaged. They might have to provide separate dispensing departments within the pharmacies, so that a patient with a prescription would not be kept waiting while some other customer was receiving attention. The patient would have to have priority. He urged that pharmacy should work out a detailed scheme, and submit it to the Minister.

MR. H. HUMPHREYS JONES (Liverpool) agreed that the developments outlined by earlier speakers would take a number of years to mature. Pharmacy should start by improving the training of the students, particularly during the apprenticeship. It was his experience that the more successful a man was in business, the worse he was as a pharmacist.

THE SECRETARY did not agree with all that Mr. Crowe had said in regard to the dispensaries at out-patients' departments. He knew of some hospitals where the departments were conducted very efficiently, and there was no delay. The appointments for the patients were booked, and the organisation worked like clock-work. The number of such departments might easily be increased, and would render unnecessary many, if not all, of the existing pharmacies.

MR. H. B. COULSON (Cambridge) said that his Branch has envisaged most of the points raised by the president in his opening address, and considered the formation of some such body as a Pharmacy Commission as essential. In no circumstances must the pharmaceutical service of the nation be permitted to break down even under the strain of epidemic conditions. If, therefore, a scheme of State dispensing were instituted, it would have to be prepared to deal with the maximum calls which could be made on it. That would be extremely costly, and on that ground dispensing in pharmacies had a big advantage to offer. Pharmacy was likely to become more and more complex. It might be necessary in some areas to have a central pharmacy, so equipped that every possible pharmaceutical operation could be carried out at short notice, which would not be open to the public, but from which other pharmacies in the area could obtain assistance. It might also hold stocks of dated vaccines, etc., which could be drawn upon at very short notice. A State-subsidised collection and delivery service might be necessary in rural areas.

MR. P. G. FLOOD (S.E. Metro.) appealed to all representatives to take back with them to their Branches a little of the spirit of unity which had been so noticeable throughout the meeting.

A vote of thanks to the president for his services in the chair was moved by MR. W. J. TRISTRAM (Liverpool), seconded by MR. M. JACKSON (Leeds) and supported by Representatives from Scotland and Wales. THE PRESIDENT made suitable reply, and the meeting terminated.

TRADE MARKS

(From "The Trade Marks Journal," June 9)

"STEROLAV"; for sanitary preparations for use with lavatories and chemical closets, and for disinfectants (5). By Wm. Butler & Co. (Bristol), Ltd., Silverthorne Lane, St. Philip's, Bristol. 622,669.

"VITA-NEODEX" ("Vita" disclaimed); for pharmaceutical preparations and substances (5). By International Laboratories, Ltd., 1-3 Smedley Street, London, S.W.8. 622,734 (Associated).

"MEDOMIN"; for pharmaceutical substances for human and veterinary use, sanitary substances, infants' and invalids' foods, medical and surgical plasters, material prepared for bandaging, and for disinfectants (5). By J. R. Geigy Société Anonyme, 215 Schwarzwaldallee, Basle, 16, Switzerland. 622,794.

"FLORISTA" over design of Roman chariot ("Florista" disclaimed); for non-medicated toilet paper, etc. (16). By Freeder Brothers Paper Mills, Brimsdown, Enfield, Middlesex. 622,559 (Associated).

"NESTO"; for fresh, sterilised, dried, powdered, preserved or condensed milk (29). By Nestlé's Milk Products, Ltd., 6 and 8 Eastcheap, London, E.C.3. 617,428 (Associated).

"BUXOVIN"; for tonic wines (33). By Chas. E. Wood, Ltd., 24 Railway Approach, London, S.E.1. 622,963.

PERSONALITIES

MR. A. DONALD, manager of the dispatch department of Brook, Parker & Co., Ltd., wholesale chemists, Bradford, has been presented by the directors with a cheque in recognition of his fifty years' service.

MR. A. D. FOX, M.P.S., Lancaster, was appointed Prov. Senior Grand Deacon by the Prov. Grand Lodge of Lancashire (Western Division), at a meeting held in Liverpool on June 23.

CHANGE OF NAME.—Notice is given in "The London Gazette," June 18, that Frederick David Perrin Smith, Ph.C., 58 South Bank Road, Hereford, intends, after the expiration of twenty-one days, to assume the surname of Lewis-Smith.

MR. W. H. S. WILLIAMS, sales manager, Savory & Moore, Ltd., Standard Works, Tottenham, London, N.15, has joined H.M. Forces. He regrets time does not permit him to write to his friends in the trade and wishes to thank them for their help and support.

CAPTAIN NEVILLE H. SCHOLLAR, F.S.M.C., F.B.O.A., has recently been promoted to that rank. He is the only son of Mr. N. Howard Schollar, M.P.S., who was for thirty years in business at 29 Sussex Place, South Kensington, London, S.W.

DEATHS

BROWN.—At Anchor Road, Aldridge, Staffs, recently, Mr. Charlie Stratford Brown, M.P.S., aged sixty-six. Mr. Brown was taken ill on June 18, a few days after taking over the management of the pharmacy of Anderson (Chemists), Ltd., at the above address.

MAC GREGOR.—Recently, Miss Margaret Murray Mac Gregor, M.P.S., a director of Chave & Jackson, Ltd., chemists, Hereford. Miss Mac Gregor qualified in 1919.

RIDLEY.—Recently, Mr. Alexander Ridley, Ph.C., 26 Fortescue Avenue, Paignton, Devon, and formerly of Tenterden, Kent, aged seventy-five.

SCHOLLAR.—Suddenly, of heart failure, recently, Gertrude, the wife of Mr. Newman Howard Schollar, M.P.S., 12 Viceroy Lodge, Claremont Road, Surbiton, Surrey.

STEVENSON.—On June 19, Mr. William Elliott Stevenson, M.P.S.N.I., 343 Woodstock Road, Belfast. Mr. Stevenson served his apprenticeship in Portadown and gained further experience in Lisburn and later in Connswater, Belfast, before taking over the Cregagh Pharmacy from Dr. H. Heazley. The funeral took place at Dundonald, Mr. H. F. Moore (president) and Mr. J. McDowell attending on behalf of the Pharmaceutical Society.

RECENT WILLS

MRS. ANNIE FEATHER, 3 Claremont Road, East Twickenham, Middlesex, widow of Arad Feather, M.P.S., who died on November 18, 1942, left £32,638, with net personalty £32,446.

MR. WALTER DAVIDSON, J.P., chemist, of W. Davidson & Sons, Blairgowrie and Coupar Angus, former Provost of Blairgowrie, who died on December 1, 1942, left personal estate in Great Britain valued at £14,814.

MR. WILLIAM PALMER, Ph.C., 48 Moorend Park Road, Cheltenham, and 2 Montpelier Exchange, Cheltenham, proprietor of Nathaniel Smith & Co., who died on October 30, 1942, left £5,117, with net personalty £3,182.

MR. HENRY GREGORY, Broadway, Hale, Cheshire, managing director of the Veno Drug Co., Ltd., a director of Beechams Pills, Ltd., Eno Proprietaries, Ltd., and other concerns, who died on February 6, left £71,146, with net personalty £43,237.

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HALIBUT OIL & MALT
TONIC PHOSPHATES
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Official organ of The Pharmaceutical Society of Ireland, The Pharmaceutical Society of Northern Ireland, The Chemists' and Druggists' Society of Ireland and of other Chemists' Societies in the Empire

VOL. CXL JULY 3, 1943 NO. 3308

The fact that goods made of raw materials in short supply owing to war conditions are advertised in this paper or described in its editorial columns should not be taken as an indication that they are necessarily available for export.

Branches in Conference

It had been anticipated that a certain liveliness would characterise the proceedings of the Branch Representatives' meeting held in London on June 14, but the report issued this week by the Pharmaceutical Society of Great Britain (pp. 6-12) indicates that on all the main points of pharmaceutical interest the delegates were in general agreement in giving their approval to the proposals submitted for their consideration. There was no serious opposition and no proposal was defeated on being put to the vote. With the exception of one item, which it was agreed should be referred back, the nine proposals for additions to the Statement on Matters of Professional Conduct submitted by the Organisation Committee at the morning session were carried with substantial majorities. One hundred and forty-seven delegates from fifty-seven branches attended the meeting. Space and time prohibit a considered and full review of all the business carried through, but we hope to deal editorially with some of the main points of interest at a later date. This week our comment must be brief and in the form of first impressions. During the debate on whether "arthritis" should be added to the list of diseases for which advertisements of medicines purporting to cure certain con-

ditions are banned, the secretary (Mr. Hugh N. Linstead, M.P.) made it very clear that the authority of the Statutory Committee would cover cases of infringement of the Statement on Matters of Professional Conduct.

Proposals Approved

It was not surprising that the proposal to ban "the soliciting of orders for drugs and medicines from door to door" was favoured by a very large majority. Such business methods, although practised by the very few, have done much harm to the prestige of pharmacy and should be dealt with firmly.

The delegates gave their unanimous approval to the proposal that pharmacists should not lend their name and qualification for publicity purposes in the marketing of any preparation unless they were personally engaged in a controlling position in the sale of such goods. This proposal will not interfere with pharmacists who make up and sell their "own name" packed medicines. It will, however, prohibit pharmacists from furnishing for publication signed testimonials in respect of products the marketing of which they do not supervise. Proposal No. 6 to prohibit pharmacists from taking "cover" engagements is excellent and met with strong approval by the delegates. Action in this direction is essential for the future welfare of pharmacy and it must be supported to the full. Pharmacists must not allow themselves to be exploited by trading interests, large or small, who wish to use the title "pharmacy" or have a "pharmacy counter" in their store, when such establishments or departments are little if anything more than drug stores selling packed medicines and toilet goods.

"Designated Articles"

The proposal that "articles for medicinal use designated by the Council as undesirable should not be sold" was carried with a few votes of dissent. This is a matter of first importance which will require delicate but firm handling. So far the Ministry of Health has declined to deal with the subject, although it is obviously the duty of the department to do so, and an attempt by professional interests to protect the public did not meet with success. The number of products which might be affected

by black-listing is extremely small, and care will have to be taken to guard against giving offence to or making imputations against the large majority of makers of medicines which do not come under the heading of "undesirable." Rather the support of reputable makers of medicines of recognised therapeutic value should be enlisted in the campaign to stamp out the sale to the public of a few simple and cheap products which under the cloak of an attractive trade name are being foisted on the public by excessive claims and at equally excessive prices. But without Government support the Society will be undertaking a difficult, not to say dangerous, task and their actions should definitely be restricted to the few black spots. The meeting approved the proposal that advertising of dispensing service is undesirable. On this subject the view was expressed that a window card "prescriptions accurately dispensed" should not be permitted. The strict ban was considered necessary because it was felt that a pharmacist advertising his own dispensing must inevitably cast a reflection upon the professional ability of his colleagues. There are good arguments in favour of and against this proposal of almost total ban on advertising dispensing, and it seems the Committee have taken a strictly professional view on the matter. Advertising in newspapers, by poster on hoardings and by the distribution of leaflets might well be controlled.

Pharmacy in the Health Service

At the afternoon session the business was confined to the president's address to the branch representatives (*C. & D.*, June 26, pp. 652-55), the subject being the development of a pharmaceutical service within a National medical scheme as visualised under assumption B of the Beveridge report. The plan, as outlined by the president, was well received and there is no doubt it created a very favourable impression. So far as the delegates were concerned the proposals completely restored their confidence in their Council. There were, of course, during the debate which followed, a number of suggestions and views put forward on points of detail, but so far as the general scheme is concerned it was accepted as sound, practicable and economical, and one

which will provide for the public an adequate dispensing service and offer to the pharmacist good opportunity for the exercise of his art. One subject mentioned by a number of delegates was that of payment for the pharmacist's services, and no doubt members of the Council present were duly impressed. Pharmacists are determined to provide a comprehensive dispensing service such as will command the confidence and support of the public. Such a service will cost a good deal of money to organise and establish and pharmacists will need to give practically the whole of their time to dispensing. All these items of cost and service must be taken into full account when the time comes to assess scales and rates of payment.

Danger of a Split

The Press was not admitted to the meeting, and it is therefore difficult to sense the feeling of the delegates, but from reading the report we gather there was present in some quarters a fear that the plan might lead to a definite and bad split in the ranks of pharmacy—one side favouring pharmacy as a profession, the other to look upon it as a business. The best interests of pharmacy will not be served by an extreme attitude either way. It would at this juncture be disastrous if a serious breach occurred, and we believe above all other considerations it is imperative that members should go forward as one united body.

"C. & D." Quiz No. 5. The answers to the questions given on p. 3 are:—

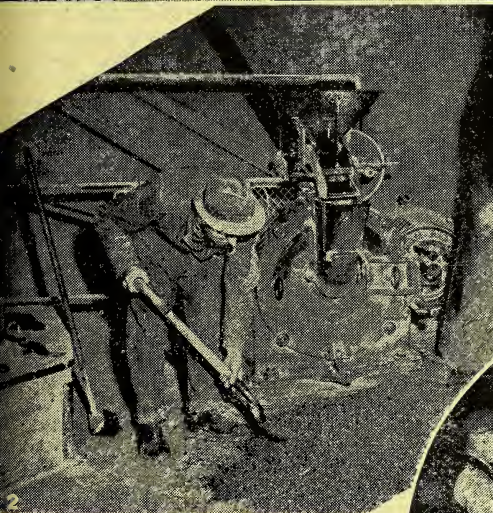
1. From the French "bougie" (candle) derived from the Algerian town of that name.
2. Pigment. olei picis c. iodo, B.P.C.
3. double salt of mercuric chloride and ammonium chloride.
4. Extraction of plant perfumes by use of a non-volatile solvent without heat.
5. Hexamine.
6. Cimicifuga, B.P.C.
7. Cannab. indica.
8. 1818, by Pelletier and Caventou.
9. The drug-room beetle.
10. No. Conf. ros. caninae is in the B.P.C., 1934.

Epidemiology of Diphtheria.—A report of the epidemiology of diphtheria during the past forty years has been issued for the Privy Council by the Medical Research Council. Published by H.M. Stationery Office (price one shilling), the report comprises 52 pp. and deals with the subject under the headings mortality, morbidity, immunisation and types. Numerous tables and a death-rate graph are included.

KEW GARDENS AS DRUG FACTORY



1



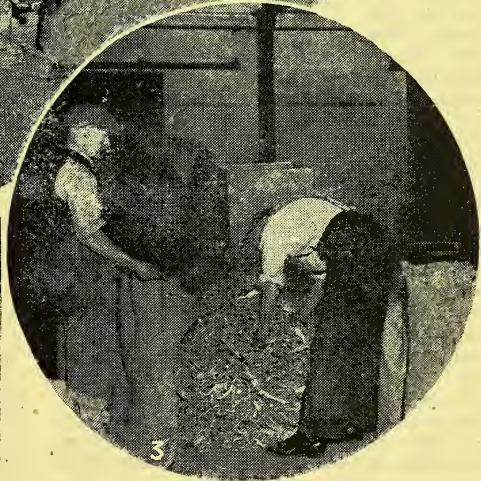
2

SINCE the capture by the Axis powers of Empire and other territories that formerly provided some of the crude drugs now in short supply, extensive work has been done at Kew Gardens in an endeavour to replace the shortages. Among other commodities the alkaloids atropine and strychnine have been produced from plants specially grown for the purpose in the Gardens.

1. Stinging nettles being taken from the ovens after fourteen hours' drying at 140° F.

2. Sifting powdered nux vomica beans.

3. Packing dried horse-radish root for dispatch to processors.



3

CHALK AS TALCUM POWDER

At Marylebone, London, Police Court, on June 23, when summoned for having sold chalk as talcum powder, T. H. Bateman & Co., Ltd., 223 Finchley Road, N.W.3, pleaded a warranty and summoned Cosmetic Distributors, Ltd., Empire House, Regent Street, W., as the real offenders, alleging that they had applied a misleading label to the article when supplying them through their agent, Lewis & Burrows, Ltd. The magistrate fined Cosmetic Distributors, Ltd., £20 in respect to the misleading label, and dismissed on payment of £5 costs a summons against T. H. Bateman & Co., Ltd., for selling the article to the prejudice of the purchaser.

Summonses against Newington Supply Co., Ltd., 56 Finsbury Pavement, E.C.2, for applying a false trade description "talcum powder" to a packet of calcium carbonate (chalk) sold by them to Cosmetic Distributors, Ltd., and for selling chalk to which a false trade description had been applied were dismissed after a director of Cosmetic Distributors, Ltd., had stated that they applied the label.

Warranty Not Applicable

Counsel prosecuting for the Hampstead Borough Council said that the summonses were under the Food and Drugs Act and the Merchandise Marks Act. The article was purchased by a sampling officer in Messrs. Bateman's shop in Finchley Road, and was described on the packet as "talcum powder." It was analysed and found to be 100 per cent. chalk. Talcum powder was natural magnesium silicate suitably purified. The managing director of Messrs. Bateman said that the article had been supplied by Cosmetic Distributors, Ltd., and the company produced a warranty, which in fact applied to Lewis & Burrows, Ltd., of which T. H. Bateman & Co., Ltd., was a subsidiary company. The warranty therefore did not apply to the goods supplied to Messrs. Bateman at all.

Mr. Benjamin Jones, managing director of Messrs. Bateman, said that they had bought the powder in good faith for the first time from Cosmetic Distributors, Ltd., because the firms with whom they normally dealt had very short supplies. He (witness) saw the managing director of Cosmetic Distributors, Ltd., who said they had bought the powder from Newington Supply Co., Ltd. He said that the article was now described as "Gardenia Powder," the word talcum being left out.

Mr. Weitzman, for Cosmetic Distributors, Ltd., suggested that talcum was a trade name applied to a talc-like powder; but the sampling officer disagreed and said he thought the word "talcum" appeared in the British Pharmacopœia. After reference, however, he said that "talc" appeared in the British Pharmacopœia but not "talcum."

Dr. H. E. Cox, analyst, said that the word "talcum" was Latin for talc, which had properties of a greasy soap-like nature quite different from those of chalk.

Counsel for Messrs. Bateman submitted that his clients had no reason to doubt that this was "talcum powder" as described, and they were entitled to be dismissed under a warranty given by Cosmetic Distributors, Ltd., to Lewis & Burrows, Ltd.

Talcum a Trade Term

Mr. Schotz, D.Sc., said that "talcum" was really a Latin word to describe the mineral "talc," but it was also a trade name for an article used as a dusting powder; which might contain some chalk. It was not a drug as it was described in the summons. Mr. Weitzman, for Cosmetic Distributors, Ltd., submitted that "talcum" was a trade name for a dusting mixture, and that what they sold as talcum powder was talcum powder and not talc. Further, the prosecution had not proved that this was a drug within the meaning of the Food and Drugs Act. The summonses should therefore be dismissed. A director of Cosmetic Distributors, Ltd., then gave evidence and stated that they had bought the article from Newington Supply Co., and had labelled it "talcum powder."

The magistrate said that Cosmetic Distributors, Ltd., bought from the Newington Supply Co. "face powder" or "Gardenia powder," and labelled it as "talcum powder." As to Messrs. Bateman's plea of a warranty, the warranty applied to Messrs. Lewis & Burrows, but not to them. He dealt with the summonses as stated.

"Don't Rock the Boat."—That's what you do when you destroy the smallest scrap of paper. Paper is wanted for munitions.

CLOSED ON SATURDAYS.—Advertisers and subscribers are reminded that owing to war conditions the Head Office of THE CHEMIST AND DRUGGIST, 28 Essex Street, London, W.C.2, is closed on Saturdays until further notice. Urgent instructions relating to advertising and subscriptions should be sent to the C. & D., 17 Argyle Street, Bath, Somerset.

PHARMACEUTICAL SOCIETY OF NORTHERN IRELAND

A MEETING of the Council of the Pharmaceutical Society of Northern Ireland was held on June 18, Mr. H. F. Moore (president) in the chair. Also present were Messrs. J. T. Nicholl (vice-president), W. C. Tate, J. McGregor, J. Irwin, J. McDowell, J. Glendinning, J. W. Gray, J.P., J. E. Connor, J.P., Dr. S. E. A. Acheson, Sir Thomas McMullan, and the secretary (Mr. D. L. Kirkpatrick).

THE PRESIDENT reported on visits paid by him and the vice-president to the Ministry of Labour (on the question of chemists' apprentices going on the dole and taking time off to go to day classes) and to the College of Technology. At the Ministry of Labour the matter was fully discussed and it was pointed out to them that these students were quite in order according to the regulations laid down by the Ministry. The Council was not satisfied that this should be so and requested the president to obtain an interview with the Minister of Labour on the whole question. With regard to the College of Technology, Mr. Alexander (principal) agreed to consult with Dr. Wren about having the evening classes extended.

On the motion of THE PRESIDENT, seconded by MR. J. E. CONNOR, it was resolved that members on active service should be accorded honorary membership for the duration of the war.

MR. J. McDOWELL raised the question of Council elections and suggested that it might be advisable to inform retiring members of their retirement and to ask if they intended to sit again for election, while Mr. J. T. NICHOLL thought that, if a small slip were inserted with notices which members could sign intimating their desire for re-election on the Council, this would cover the matter and this suggestion was adopted.

The sealing of certificates for new licences was proposed by MR. J. McDOWELL and seconded by MR. J. GLENDINNING. THE SECRETARY announced that the following had passed the Pharmaceutical Preliminary examination, June 1943: W. J. Blair, J. Cunningham, J. F. McKeown, Margaret Bradford, J. F. Pierce (the two last-mentioned at matriculation standard), G. B. Campbell, J. L. McIntyre, and M. A. Peel, obtained four subjects, and W. T. Strahan, three subjects.

MEDICAL ABSTRACTS

Nicotinic Acid in Asthma.—"Definite improvement" was noted by Metton ("British Medical Journal," May 15, p. 601) in sixteen out of nineteen cases of asthma when nicotinic acid, 50 or 100 mgm., was administered, usually intravenously, during one or more acute paroxysms. Relapse was frequent when the treatment was discontinued or when control tablets of citric acid were substituted.

Caustic Soda Burns.—The treatment of caustic soda burns in the works of I.C.I. (Alkali), Ltd., is described by Terry in the "British Medical Journal" (June 19, p. 756). Skin contacts are dealt with by immediate irrigation with 5 per cent. solution of ammonium chloride, by which means a burn is prevented if the irrigation is done within thirty to forty seconds of contact. If delay has resulted in a burn, its severity is very greatly lessened by irrigation with ammonium chloride solution, followed by prolonged irrigation with plain water or normal saline. It is then treated as an ordinary heat burn. The area is washed with soap and water, dead tissue removed with gauze soaked in alcohol, and washed with ether before applying tannic acid

solution (tannic acid, 50 gm.; mercuric chloride, 1.25 gm.; water, 2.5 litres). For eye burns the method is irrigation with 5 per cent. ammonium chloride solution, followed by irrigation with warm boric-saline lotion for one hour, which reduces the severity of the eye injury in marked degree, so that recovery takes place in one-fifth to one-seventh the time taken with older methods. It is emphasised that treatment by ammonium chloride solution must always be carried out by irrigation, never by immersion or by compresses.

Increased Fitness from Vitamins.—Harper and others ("British Medical Journal," 1943, I. 243) studied the effects of adding supplements of vitamins A, C and D to the diet over a period of five months in sixty-nine cadets at Manchester. The cadets receiving vitamin supplements proved less susceptible to minor respiratory and gastrointestinal complaints than those receiving control tablets containing no vitamins. The group receiving vitamins showed a greater increase in resting vital capacity and in breath-holding and endurance times, and had a faster resting pulse rate than the control group.

RECENT RESEARCH

Gelatin as Emulsifier.—Emulsifying water in oil by means of a 5 per cent. gelatin solution has been found practicable by McGee ("Australian Journal of Pharmacy," 1943. I. 61). The solution was gradually added to the oil until the emulsion consisted of equal parts of water and oil. This was used as a basis for the following formulas:—

I	
Gelatin solution 5 per cent. . .	3v.
Liquid paraffin	3v.
Powdered starch	3j.
Acriflavine	q.s.

II	
Gelatin solution 5 per cent. . .	3ss.
Liquid paraffin	3ss.
Zinc oxide	3ss.
Ichthyol	q.s.

III	
Maize oil	3iij.
Zinc oxide	3iv.
Gelatin solution 5 per cent. . .	3iv.
Wool fat	3iij.
Ichthyol	15 per cent.

The first preparation was intended as an acid vehicle for acriflavine, so that this substance might be presented in its most efficient form. It is subject to moulds, which may be prevented by the addition of 0.01 per cent. of salicylic acid or chlorbutol. Like the second it is a paste, quickly drying on the skin to a greasy powder.

Ophthalmic Solutions.—Arrigoni and Fischer ("American Journal of Pharmacy," 1943, I, 23) maintain that, unless an ophthalmic solution is to become irritant and relatively ineffective by stimulating lachrymation and thus preventing contact between the eye and the medicament, it must have the same pH as and be isotonic with the lachrymal fluid. The pH of tears is commonly accepted to be about 7.4, but a solution within the pH range of 6.5 to 7.8 is regarded as satisfactory from this point of view. Not only must the pH of the solution be made to approximate that of the tears (7.4), but it must also be adjusted so that it will remain at that level with only small deviations. This is accomplished by the addition of buffer salts to the collyrium, buffer action being the ability of certain salts, in solution, to resist a change in pH on the addition of a small amount of acid or base. In choosing buffer systems for ophthalmic solutions two precautions must be observed. First, the system must be compatible with the active ingredients, and second, it must have

a relatively high buffering power over the range in which the preparation is to be buffered. Provided they embrace these properties, any of the common buffer systems are adaptable for use in ophthalmic solutions. The most convenient method for adjusting an ophthalmic solution to a definite pH level is to prepare an acid buffer solution and an alkaline buffer solution, and titrate one against the other until the desired reaction is obtained.

PARLIAMENTARY NEWS

Soft Drinks Industry Concentration.—On June 23 Mr. Linstead queried several points in connexion with the war-time organisation of the soft drinks industry. A number of firms of standing in the industry, he said, believed that this concentration is not being fairly operated. In such circumstances it was surely the duty of the Minister to reassure the industry that it was getting a square deal. He hoped the Parliamentary Secretary to the Ministry of Food would find it possible to explain why the request of the industry for an independent chairman could not be granted, and why it was not possible for the Minister to say that he would not use the Government votes to decide on the scheme for the election of a committee of the Association. He asked for an assurance that there was going to be no interference with the present appeals machinery, whereby a firm served with a notice to close a factory had a right of appeal, and that when the election for the committee came due in September, firms would be completely free to vote.

The Parliamentary Secretary to the Ministry of Food (Mr. Mabane) replied that in general there was no doubt that the trade supported the scheme, as was evident from the emphatic and repeated comment in one of the independent journals of the trade itself. There could be no doubt whatever of the enthusiasm of the industry in giving the Minister a controlling vote. It was better to have a scheme which would enable closed factories to be compensated than to achieve closure by withdrawal of man-power. In some respects the scheme was more favourable to closed firms than other similar schemes. Provision was made for appeal to an independent tribunal and from that to the Minister himself. Mr. Linstead had asked me why it was not possible for the Minister to grant the request for an independent chairman. There had been no such request from the industry.

TRADE REPORT

Spot quotations for pharmaceutical chemicals, crude drugs and essential oils represent the prices for wholesale quantities of standard quality. C.i.f. quotations do not include marine war risk insurance and other abnormal charges payable in the present emergency

28 Essex Street, W.C.2, June 30

WHILE the London drug and chemical markets continue to receive a reasonable amount of consuming business, practically nothing is being done in any other direction. The home manufacturing industries provide nearly all the demand which, although not large, is quite steady. In most instances price levels are being firmly maintained but there are one or two exceptions where the conditions are slightly in the buyer's favour. Business in PHARMACEUTICAL CHEMICALS has been routine in character and devoid of special features. No changes in prices have been notified by makers.

Crude Drugs

Conditions in this section of the markets continue very steady, but the volume of business being transacted is quite small. Prices are being firmly maintained at about the levels recently recorded. The usual periodical return of stocks and production of drugs required by the Directorate of Medical Supplies is now being compiled; the current list contains several additions and amendments. It is unlikely that the amended standards for a few drugs, which will become official on the date of publication of the Sixth Addendum to the British Pharmacopoeia, will have much effect on the markets; a few lots of the lower testing Minas IPECACUANHA may, however, become official. Only occasional requests are being received for AGAR, prices of which are unchanged. ALOES continues in some request. Natural grades of CAMPHOR are selling slowly to approved buyers at prices which have become practically stabilised. While there is no lack of demand for CASCARA SAGRADA no spot stocks can be traced. CHILLIES remain steady at the slightly higher price recorded recently. Some new arrivals of GUM ACACIA are reported. IPECACUANHA continues to be firmly held but no advance in price is recorded. There appear to be ready buyers of MENTHOL at prices below those currently quoted. Absence of demand has been for some weeks a persistent feature of the market for imported SEEDS and prices of some varieties have declined in consequence. With the exception of high-quality Alexandrian pods the SENNA supply position remains good.

Essential Oils

Business in those essential oils unaffected by the recently-introduced scheme for the importation and distribution of essential oils has been extremely quiet. A few oils, notably Chinese PEPPERMINT, have been in good demand, but "free" stocks are quite inadequate to satisfy requirements and in the absence of replenishments will probably quickly disappear. A Ministry of Food announcement with regard to prices of oils and fats states that the only change in the existing prices of oils and fats allocated to primary wholesalers and large trade users during the five-weekly period ending July 31 is an advance by £2 per ton in RAPESEED, making the current price £60 per ton.

Exchange Rates on London

During June there were no modifications in the principal currency values in London. The main Bank of England fixed rates interesting the drug and chemical trades are: New York, 4.03 dollars; Montreal, 4.45 dollars; Dutch West Indies, 7.60 florins; Lisbon, 100 escudos; Stockholm, 16.90 kroner. Among free rates the Madrid peseta continues at 40.50 to the £ and the Chinese National dollar is valued at 33½d.

Pharmaceutical Chemicals

AMPHETAMINE.—Quoted at 160s. per lb.

ATROPINE.—Quoted by makers at the following rates per oz.: ALKALOID, 35s.; 4 oz., 34s. 6d.; 25 oz., 34s.; SULPHATE, 28s.; 4 oz., 27s. 6d.; 25 oz., 27s.; METHYL BROMIDE and METHYL NITRATE, 65s.

BIARIUM SULPHATE (x-ray).—Quantities of 28 lb.—1 cwt. are quoted by makers as follows (containers in brackets): rs. 5½d. (1-lb.); rs. 4d. (4-lb.); rs. 3d. (7-lb.); rs. 2½d. (14-lb.); rs. 2d. (28-lb.).

BISMUTH CO. (PULV.), N.F.—Makers' prices per lb. for lots of 28 lb. to 1 cwt. are as follows (containers in brackets): 2s. 3½d. (1-lb.); 2s. 2d. (4-lb.); 2s. 1d. (7-lb.); 2s. (28-lb.). Terms net one month.

BISMUTH SALTS.—Makers' prices per lb. for quantities of 28 lb. to 1 cwt. are as follows: Carbonate, 9s.; citrate, 11s.; nitrate cryst., 6s.; oxide, 12s. 6d.; salicylate, 9s. 6d.; subchloride, 12s. 3d.; subgallate, 11s. 6d.; subnitrate, 7s. 10d.

BORAX.—Makers' prices per ton are as follows: Granulated, B.P., £39 10s.; crystals, £40 10s.; powder, £41. Packed in one-cwt. bags, delivered carriage paid in Great Britain, in one-ton lots upwards. Commercial qualities, £8 per ton less.

BRUCINE.—Prices per oz., in quantities of under 25 oz., are as follows: ALKALOID, 1s. 4½d.; NITRATE AND SULPHATE, 1s. 3½d.

CALCIUM GLUCONATE.—Makers' prices per lb. are as follows: 14 lb., 3s. 5d.; 28 lb., 3s. 2d.; 56 lb., 3s. 1d.; 1 cwt., 2s. 11d.

CITRATES.—Makers' prices are unaltered. **POTASSIUM**, in quantities of 28 lb. to 1 cwt., is quoted as follows (containers in brackets): 3s. 2½d. (1-lb.); 3s. 11d. (4-lb.); 3s. (7-lb.); 2s. 11½d. (14-lb.); 2s. 11d. (28-lb.). **IRON AND AMMONIUM (SCALES)**, B.P., is at 3d. per lb. above, and **SODIUM** is at one penny per lb. below these prices.

CREAM OF TARTAR.—British makers quote 287s. per cwt., less 2½ per cent. discount.

ETHERS (METHYLATED).—Winchester quarts are priced at the following rates per lb.: 0.750, 1s. 5½d.; 0.725, 1s. 5¾d.; 0.730, 1s. 5¾d.; 0.725, 1s. 7¾d.; 0.725 (triply rectified), 2s. 0½d.; 0.720, 1s. 8¾d.; 0.717, 2s. 2¾d.; 0.720 (B.P., not for anaesthesia), 1s. 10d.

SANTONIN.—Home-trade prices are as follows: 10 kilos and over, £61; not less than 5 kilos, £62; 2-4 kilos, £63; 1 kilo, £64; 500 grams, £65; 250 grams, £66; 100 grams, £67; less than 100 grams, £68 per kilo. Carriage forward in United Kingdom.

SODIUM SALICYLATE.—Makers' prices per lb., in lots of 28 lb.-1 cwt., are as follows (containers in brackets): 2s. 8d. (28-lb.); 2s. 8½d. (14-lb.); 2s. 9d. (7-lb.); 2s. 10d. (4-lb.); 2s. 11½d. (1-lb.).

Crude Drugs

AGAR.—Occasional demand is being received for Kobo No. 1 for bacteriological use; price remains at 65s. to 70s. per lb.

ALOES.—Cape continues in moderate demand, with spot quoted at 72s. 6d. to 75s. per cwt. Curaçao, spot, 475s. per cwt.

ANTIMONY.—Supplies are reserved for essential requirements; prices unchanged. English minimum 99 per cent. regulus, spot, £120 per ton, delivered; 70 per cent. crude for the home trade, £100 per ton, delivered.

BALSAMS.—Spot price of softish *Tolu* is unchanged at 11s. 6d. per lb. *Canada* would be 10s. 3d., and *Peru*, 8s. 6d. *Copaiba* is unobtainable.

BENZOIN.—Inquiry moderate; supplies are being reserved for B.P. purposes. Price on spot is £22 10s. per cwt. for fair-quality Sumatra block. Free "almonds," spot, £32 per cwt., ex store.

BUCHU.—No spot supplies are available.

CAMPHOR.—Only a few orders are being received for the natural grades, prices of which are unchanged. Chinese, B.P., spot, 11s. 6d. per lb.; crude, 92 per cent., 10s.; Japanese slabs, 12s. Sales can only be made to approved buyers.

CASCARA SAGRADA.—Supplies are still wanted, but no spot stocks are on hand; there are no offers from the source.

CHILLIES.—Mombasa, steady on spot at 115s. per cwt.; Zanzibar are not offered.

DRAGON'S BLOOD.—Dull Zanzibar drop is the only variety offered; price would be £21 per cwt.

ELEMI.—No. 1 gum, in small compass on spot, 330s. per cwt.

ERGOT.—Quiet market. Portuguese, spot, 4s. 9d. to 5s. 3d. per lb., according to condition.

GALANGAL ROOT.—Quoted at 95s. per cwt. in bond Liverpool.

GUM ACACIA.—Spot quotations for Kordofar cleaned sorts remain at 110s. per cwt., with near-at-hand parcels at 87s. 6d., landed terms Bleached, for shipment, 140s. per cwt., c.i.f.

HENBANE LEAVES.—Indian leaves are available on spot at 200s. to 300s. per cwt., according to quality.

IPECACUANHA.—Good spot demand. Matt. Grosso, firm on spot at 21s. 6d. to 22s. per lb. Minas, B.P., spot, 18s. 3d. to 18s. 6d. per lb. if available; under B.P. standard, 17s. 2 17s. 6d. per lb., according to test. Current prices of EXT. IPECAC. LIQ. are as follows: Winchester, B.P., 1932, under three, 30s. 6d. per lb.; three and under six, 30s.; six and under twelve, 29s. 6d.; twelve and over, 29s. B.P., 1914, under three, 28s. 6d.; three and under six, 28s.; six and under twelve, 27s. 6d. twelve and over, 27s. per lb.; all prices quoted are on a net basis.

JABORANDI.—Dealers offer small spot lots at 60s. per cwt., ex store.

JALAP.—Brazilian material is quite firm at 16 per cent. would be worth 105s. on spot, and 13 per cent., 95s.

KAMALA.—Spot price per lb. of material testing 5 per cent. ash would be 1s. 9d.

LIQUORICE ROOT.—Anatolian natural is dear on spot at 87s. 6d. to 92s. 6d. per cwt., according to holder.

MENTHOL.—Fair demand for Chinese with spot prices ranging from 95s. to 97s. 6d. per lb. There appear to be ready buyers on the market at under the former figure.

MERCURY.—Values are controlled at £68 10 to £69 15s. per bottle for lots of over 7 lb.

NUTMEGS.—West Indian, wormy and broken, spot, 1s. 7d. per lb.; sound unassorted, spot, 1s. 10d.

NUX VOMICA.—Apart from occasional inquiries, interest in this item is lacking. Prices are as follows: Cochin, washed and garbled, spot, 42s. 6d. per cwt.; Cocanada, spot, 37s. 6d.; shipment, Cochin, 38s., c.i.f.

PAPAIN.—Spot quotations are nominal 17s. 6d. per lb.

PIMENTO.—Sellers on spot at 1s. 10d. per lb. shipment prices are not quoted.

PODOPHYLLUM.—As noted recently, no spot stocks appear to be available to meet considerable consumer demand.

RHUBARB.—Rough-round may be obtained on spot at from 7s. 9d. to 8s. per lb., and the high-dried, rough-coat, at 8s.; Shensi pickling, 10s.

SEEDS.—Extremely quiet conditions have again ruled in these products, and in some instances lower prices are indicated. **CORIAN- DER.**—Indian offered at 95s. per cwt., no offers of English. **CUMIN.**—Maltese, spot, 125s.; Indian, 115s.; English, 150s. **DILL.**—Quoted at 165s., ex wharf Glasgow; 175s., ex wharf London. **FENNEL.**—Nominal at 92s. 6d. **FENUGREEK.**—May be had at 85s. **MUSTARD.**—Controlled prices are unchanged.

SENNA.—Good-grade Alexandrian pods are in poor supply, but some medium qualities may be had at from 3s. 9d. to 4s. per lb. Tinnevely leaves, No. 1, 9d. to 10d. per lb.; No. 2, 7d. to 7½d.; No. 3, 5½d. to 6d. Alexandrian broken, 1s. 3d. to 1s. 4d. Good hand-picked Tinnevely pods, 11d. to 1s. 5d.; ordinary grade, 10d. to 11d.; manufacturing, 6d. to 7½d.

SQUILL.—In quiet demand. Portuguese, spot, 95s. per cwt.; Indian, 35s.

STROPHANTHUS.—Kombé seed, 100 per cent., offered by dealers at 10s. 6d. per lb.; large parcels would be at a few pence cheaper.

TRAGACANTH.—Inquiry continues fair. Prices of the principal medium grades are steady as follows: No. 1, white, £130 per cwt.; No. 2, white, £115; No. 3, white, £102; No. 4, white, £83; pale leaf, £73; amber leaf, £65; dark amber, £50; brown leaf, £45; red-and-brown leaf, £38; red leaf, from £32; light hoggy, from £17; woody and dark hoggy, £12.

TURMERIC.—Little interest is being shown. Sound-quality Madras finger may be had on spot at 60s. per cwt., and wormy material at half-a-crown less.

VALERIAN ROOT.—Dealers can supply Indian root at 105s. per cwt., ex store.

WAXES.—**BEES'.**—Supplies can be obtained only through the Association of Merchant Distributors of Beeswax. **CARNAUBA.**—Firm but unchanged. Fatty grey and chalky grey, spot, both 430s. per cwt.; Primeira, 520s., nominal.

Essential and Expressed Oils

ANISE (STAR).—Good deal of inquiry, but supplies would be difficult to find at under 67s. 6d. per lb.

BAY.—In very limited compass. Price for any available small lots would be in region of 12s. 6d. per lb.

BOIS DE ROSE.—Spot, if available, would be worth approximately 47s. per lb.

CEDARWOOD.—English oil may be obtained on spot at about 16s. per lb.; imported, if available, 8s. to 9s. per lb.

CINNAMON LEAF.—Spot would be worth around 15s. 6d. per lb., if available.

CITRONELLA.—Demand continues. Java, spot, about 24s. to 25s. per lb.; Ceylon, 21s. to 22s.

CLOVE.—No change in English distillers' prices of about 14s. per lb. Imported oil would be cheaper, according to grade.

CROTON.—Spot quoted at 9s. 6d. per lb.

EUCALYPTUS.—Small lots may be obtained on spot at around 5s. 9d. per lb. for 70 to 75 per cent. cineole.

GERANIUM.—Small quantities of genuine African oil may be had on spot at about 80s. to 85s. per lb.

GINGERGRASS.—Small lots are available from dealers at approximately 22s. 6d. per lb.

LAVENDER.—Spot, about 90s. per lb. for good-quality oil.

LEMONGRASS.—Spot oil would be worth about 15s. to 16s. per lb.

NUTMEG.—Oil prepared from West Indian nutmegs can be bought at about 42s. per lb.

PALMAROSA.—In small supply on spot at around 32s. 6d. to 35s. per lb.

PATCHOULI.—Spot, good-quality oil, approximately 75s. per lb.

PENNYROYAL.—Spot, if available, about 40s. per lb.

PEPPERMINT.—Inquiry continues for Chinese oil. Buyers are reported at 95s. per lb., but supplies are difficult to obtain at this figure.

PETITGRAIN.—In small compass on spot at approximately 25s. per lb.

RAPESEED.—Bulk supplies have been advanced in price by £2 per ton to £60 per ton, marked ex works.

ROSEMARY.—About 16s. per lb. would be the value of any available supplies.

SPIKE.—If available on spot, price would be in the region of 32s. 6d. per lb.

THYME.—Supplies are short; spot, if available, about 25s. per lb. for high-quality oil.

VETIVERT.—Spot supplies may be obtained at about 95s. per lb.

YLANG-YLANG.—Available on spot at about 95s. to 100s. per lb.

Synthetics and Isolates.—Supplies of many of these products remain short and are not necessarily available because prices are quoted. In some cases all available stocks are required for essential purposes. **AMYL ACETATE.**—Pure, about 130s. per cwt.; technical, 109s. per cwt.; small quantities would be worth up to about 2s. per lb. **AMYL CINNAMIC ALDEHYDE.**—In the region of 27s. 6d. per lb. **AMYL SALICYLATE.**—About 5s. per lb. **AUBEPINE.**—Approximately 35s. per lb. **BROMSTYROL.**—100 per cent., about 30s. per lb. **BUTYRIC ACID.**—Now being manufactured in England; price about 7s. per lb.; esters from British-made butyric acid are also available. **CINNAMIC ALDEHYDE.**—Quoted at around 9s. per lb. **CITRAL.**—Chemically pure, about 55s. per lb. **CITRONELLAL and CITRONELLOL.**—Both nominal at 60s. to 70s. per lb. **COUMARIN.**—Quoted at approximately 17s. 6d. per lb. **ETHYL PHTHALATE** is not quoted. **EUCALYPTOL.**—About 13s. per lb. **EUGENOL.**—Around 23s. 6d. per lb. **GERANIOL.**—About 60s. per lb., ex palmarosa oil. **GERANYL ACETATE.**—Approximately 65s. per lb. **IONONE.**—100 per cent., around 75s. per lb. **ISO-EUGENOL.**—About 25s. 6d. per lb.

PRICE LIST

OF MEDICINAL PROPRIETARIES SOLD OVER THE CHEMIST'S COUNTER

Item	Trade price per doz.	Purchase tax per doz.	Inclusive retail price each	Item	Trade price per doz.	Purchase tax per doz.	Inclusive retail price each
	s. d.	s. d.	s. d.		s. d.	s. d.	s. d.
Testoviron ampoules				Treutabs $\frac{1}{2}$ gm. ..	63 0	10 6	7 10 $\frac{1}{2}$
10 mgm. 162 0	nil	18 0		1 gm. ..	13 6	2 3	1 8 $\frac{1}{2}$
720 0	nil	80 0			108 0	18 0	13 6
25 mgm. 171 0	nil	19 0		Tri-antiseptic ..	12 10	1 6	1 0
792 0	nil	88 0			21 0	2 8	1 9
ointment 130 6	nil	14 6			150 0	18 9	12 6
80 0	tax paid	10 0		Tricalcine cachets			
Testrones ..				granules ..	40 6	6 9	5 1
Theamin Pulvules				powder ..	36 0	6 0	4 6
No. 283 gr. 1 ..	37 10	6 6	5 0 $\frac{1}{2}$	tablets ..	31 6	5 3	3 11 $\frac{1}{2}$
378 0	63 0	50 3		Trikresol ..	21 9	nil	2 5
71 5	11 11	9 6			41 3	nil	4 7
No. 225 gr. 3 ..				Triofax ..	6 9	1 0	0 10
Theocin sodium acetate					20 3	3 6	2 6 $\frac{1}{2}$
powder ..	81 0	13 0	10 1	Tritovo tonic ..	16 6	2 9	2 2
144 0	23 0	17 11			29 0	4 10	3 11
tablets ..	20 0	3 0	2 6	Triumph embrocation ..	7 6	1 3	1 3
Thermofuge ..	10 6	1 9	1 5	Tri-xanthin co. tablets	28 6	5 0	3 7
31 6	5 3	4 2 $\frac{1}{2}$			47 3	8 0	5 11
Thermogene—					85 6	14 0	10 8
wadding ..	12 0	nil	1 3	Tubelette cream ..	12 0	2 0	1 8
28 9	nil	3 0			25 9	4 3	3 6
vapour rub ..	10 6	1 9	1 4	Tusso syrup ..	9 6	1 6	1 4
Thermoid cream ..	12 3	2 0 $\frac{1}{2}$	1 9	2-drop corn remedy ..	10 6	1 9	1 5
Thompson & Capper				Two Star bronchial mix-			
homœopathic medi-				ture ..	9 0	1 6	1 6
cines ..	5 6	0 11	0 11	Tyrodone capsules	41 0	7 0	5 1
10 0	1 8	1 6		tablets ..	270 0	45 0	33 9
18 0	3 0	2 6					
Thymoldyne cream				U			
jelly ..	11 0	1 10	1 8	Uden—			
Thyranon tablets ..	38 3	6 5	4 3	ampoules 1,000 u. ..	38 0	nil	4 3
151 6	25 2	16 10		10,000 u. ..	31 0	nil	3 6
Thyrocalx tablets ..	57 0	9 6	7 1 $\frac{1}{2}$	50,000 u. ..	58 0	nil	6 6
Thyromangane				liquid 100,000 u. ..	112 0	nil	12 6
capsules ..	29 3	4 10	3 8	ointment 5,000 u. ..	112 0	nil	12 6
	85 6	14 1	10 8	tablets 100 u. ..	16 0	nil	1 9
Tillott's special snuff ..	13 10	nil	1 5		67 0	nil	7 6
Tilly's Dutch drops ..	3 6	0 7	0 6	500 u. ..	20 0	nil	2 3
	6 9	1 1 $\frac{1}{2}$	1 0		94 0	nil	10 6
Tin-Ox tablets ..	8 6	1 5	1 4 $\frac{1}{2}$	1,000 u. ..	27 0	nil	3 0
	17 6	2 11	3 0		135 0	nil	15 0
Tiodine ampoules ..	40 6	6 9	5 1	Ung-odine ointment ..	10 6	1 9	1 5
pills ..	31 6	5 3	3 11	U.R.A. ..	14 8	2 5	2 0
Tonergeticum liquid	27 0	4 6	3 5	Urace laxatives			
	40 6	6 9	5 1	liniment ..	11 3	1 10 $\frac{1}{2}$	1 5
powder ..	40 6	6 9	5 1	tablets ..	11 3	1 10 $\frac{1}{2}$	1 5
Tonic phosphates ..	16 6	2 9	2 6		27 0	4 6	3 4 $\frac{1}{2}$
	30 0	5 0	4 6	Uralysol granules ..	31 6	5 1	3 11 $\frac{1}{2}$
Toniks tablets ..	9 6	1 6	1 3	Urandal ..	22 6	3 9	2 10
Top C's ..	4 3	0 8	0 7 $\frac{1}{2}$	Urseptine Rogier ..	66 0	11 0	8 6
Torpedo mixture ..	12 6	2 1	1 8	Urillac tablets ..	11 0	1 10	1 5
Tosanine ..	22 6	3 9	2 10		22 0	3 8	3 4
	40 6	6 9	5 1	Urodonal ..	28 10	4 7	3 5
Towles pills ..	11 3	1 10 $\frac{1}{2}$	1 5		48 0	7 7	15 8
	27 0	4 6	3 4 $\frac{1}{2}$		115 2	18 3	3 7
	45 0	7 6	5 7 $\frac{1}{2}$				
Traka ..	24 9	4 1 $\frac{1}{2}$	3 1				
Treutabs $\frac{1}{2}$ gm. ..	9 0	1 6	1 1 $\frac{1}{2}$				

Item	Trade price per doz.	Purchase tax per doz.	Inclusive retail price each
	s. d.	s. d.	s. d.
Urogenine Gabail ..	31 6	5 3	4 0
Uro-Hexoids ..	20 0	3 4	2 9
Urosol ..	54 0	9 0	7 6
	102 0	17 0	12 6
Uroselectan B—			
ampoules 3 c.c. ..	22 6	nil	2 6
20 c.c. ..	94 6	nil	10 6
	472 6	nil	52 6
retrograde or joint..	31 6	nil	3 6
V			
Vagocodeine ..	12 0	3 0	1 9
	40 0	7 0	5 7
Vakara ..	22 8	3 9	2 10
Valda pastilles ..	11 3	1 10½	1 5
Valigel Antifoin, base or c.i.o. ..	22 6	3 9	2 10
Valisan perles ..	31 6	5 3	3 11½
Valogen ..	36 0	nil	4 6
	128 0	nil	16 0
	520 0	nil	65 0
Valoid cascara ..	24 9	4 0	3 1
Valtresol ..	8 0	1 4	1 1½
	14 0	2 4	1 11½
Vapex ..	17 6	2 9½	2 3
	26 3	4 2	3 4
Vapo-Cresolene ..	12 9	nil	1 5
	25 2	nil	2 9½
Vapoments ..	1 3½	0 2½	0 2
	2 6	0 5	0 4
Varalettes Contrexe-ville ..	16 0	2 8	2 0
Kissingen ..	33 0	5 6	4 2½
Vichy ..	95 0	15 10	11 10
for gout ..	29 0	4 10	3 5
	66 0	11 0	7 11
Variban bandages 2½-in. ..	24 6	nil	3 0
3-in. ..	29 0	nil	3 6
Varicones ..	11 6	1 11	1 5
	27 6	4 7	3 5
	48 0	8 0	5 8
Varkoff tablets ..	33 6	5 7	4 5½
	63 0	10 6	8 4½
	117 6	19 6	15 7½
Vasano tablets ..	13 6	2 3	1 8½
	31 6	5 3	3 11½
suppositories ..	54 0	9 0	6 9
Vaseline jelly—			
carbolated ..	8 0	1 4	1 1½
capsicum ..	4 6	0 9	0 7
white (No. 1 bottles) ..	2 7½	0 5	0 4
(No. 1 tins) ..	3 4½	0 7	0 5
yellow (No. 1 bottles) ..	2 3	0 4½	0 3½
(No. 2 tins) ..	8 2	1 6	1 2
Veganin tablets ..	14 0	2 8	2 0
	20 0	3 4	2 9½
Vegetex ..	36 0	6 0	5 0
	68 0	11 4	9 5½
Vegetine pills ..	11 3	1 10½	1 5
Veinotrope powder ..	40 0	6 5	5 1
tablets ..	36 0	5 10	4 6

Item	Trade price per doz.	Purchase tax per doz.	Inclusive retail price each
	s. d.	s. d.	s. d.
Vejoids ..	11 3	1 10½	1 5
	27 0	4 6	3 4½
Veltit ..	25 0	4 1	3 6
Veno's Lightning cough cure ..	11 6	1 11	1 4
	28 0	4 8	3 3
Ventron capsules ..	67 6	11 3	8 11½
Veracolate tablets ..	23 4	4 5½	3 4
	39 8	7 6½	5 8
Vervus specific ..	11 3	1 10½	1 5
Vicaps ..	21 0	3 6	3 0
	59 0	9 10	8 3
	110 0	18 4	15 3
Vick vapour rub ..	11 3	1 10½	1 5
	18 0	3 0	2 3
Vikelp tablets ..	15 9	2 8	2 0
	31 6	5 3	4 0
	60 9	10 2	7 6
Vimaltol ..	24 0	nil	2 10
	43 0	nil	5 2
Vince powder ..	14 0	2 8	2 0
Viozin ointment ..	22 6	3 9	2 10
Vi-Siblin ..	20 0	3 4	2 9½
Vitabeef ..	22 6	nil	2 6
Vitavan cream ..	12 6	4 2	1 10½
	25 6	8 6	3 10½
Viteolin capsules ..	54 0	nil	6 0
	189 0	nil	21 0
Vitonagen ..	40 6	6 9	4 9
	145 10	24 4	17 0
	307 10	51 4	36 0
Vitophosphates ..	54 0	9 0	6 3
	156 7	26 1	18 6
	334 10	55 10	39 0
Viv ..	40 0	7 0	5 7
Vocules ..	11 6	1 11	1 5
	27 6	4 7	3 5
	48 0	8 0	5 8
Vogelers compound ..	9 6	1 7	1 1½
Voxone ..	22 6	3 9	2 10
	36 0	6 0	4 6
Vytina tablets ..	9 9	1 7½	1 7½
	20 0	3 4	3 3½
W			
Watch-the-Clock—			
cold-cure tablets ..	8 0	1 4	1 3
indigestion tablets ..	3 0	0 6	0 6
Webster susquehanna pills ..	10 0	1 8	1 3
	24 0	4 0	3 0
	40 0	6 8	5 0
Wenal ointment ..	10 6	1 9	1 5
Wex saline ..	7 3	1 2½	0 10½
	20 0	3 4	2 4
Whelpton's—			
embrocation ..	11 4	1 10½	1 5
ointment ..	27 0	4 6	3 4½
	7 4	1 2½	0 11
purifying pills ..	11 4	1 10½	1 5
stomach pills ..	27 0	4 6	3 4½

Item	Trade price per doz.	Purchase tax per doz.	Inclusive retail price each
	s. d.	s. d.	s. d.
White Lions	12 0	2 0	1 6
	22 6	4 0	2 10
White's Q.B.C. ..	12 0	2 0	1 5
	28 10	4 10	3 5
White's Saccharized magnesia ..	12 0	2 0	1 8
	22 6	3 9	3 1
White tar ointment ..	9 0	1 6	1 1½
	45 0	7 6	5 7½
White Wings seasick remedy ..	8 0	1 4	1 1½
	28 0	4 8	3 11
Wiggs—fuller's earth cream ..	2 3	0 8	0 4
	4 0	1 4	0 8
laxatives	4 8	0 9	0 9
ointment	3 10	0 8	0 7½
Williams (Dr.) pink pills	11 9	1 11½	1 5
	28 6	4 9	3 5
Winslow's (Mrs.) soothing syrup ..	16 0	2 8	2 3
Wooldridge's tincture ..	18 0	3 0	2 3
	27 0	5 0	3 5
Wyamin	40 6	nil	4 6
Y			
Yamba	32 0	5 4	3 9
Yeast-Vite	11 0	1 10	1 4
	27 0	4 6	3 3
Yestamin powder ..	10 0	nil	1 3
	16 0	nil	2 0
tablets	9 0	nil	1 1½
	18 0	nil	2 3
	23 4	nil	3 0
Z			
Zac cream	8 0	1 4	1 3
	12 6	2 1	2 0
Zam-Buk ointment ..	12 0	2 0	1 5
	29 6	4 11	3 5
	50 0	8 4	5 9
suppositories ..	12 9	2 1½	1 5
Zant germicide ..	10 0	1 8	1 5
	18 0	3 0	2 6
Zee-Kol ointment ..	12 0	2 0	1 5
pills	28 6	4 9	3 5
Zembrocation ..	11 6	1 11	1 5
Zems cough cure ..	11 6	1 11	1 5
tablets	5 0	0 10	0 8
Zephrol syrup ..	14 0	2 4	1 11½
Zom tablets	5 6	0 11	0 11½
Zomex suppositories ..	11 6	1 11	2 2
Zone salt	21 0	3 4	2 9½
Zotal liniment ..	9 0	1 6	1 6
Zubes	5 6	0 11	0 8
cough cure ..	9 9	1 7½	1 3
	19 0	3 2	2 5

CORRESPONDENCE

Correspondents may adopt an assumed name, but must in all cases furnish their real name and address to the Editor

Guild of Public Pharmacists

SIR,—The Council of the Guild of Public Pharmacists has on previous occasions expressed its disapproval of hospital pharmacists training dispensers other than registered apprentices. At a recent meeting of the Council it was agreed to give publicity to the following: That students trained by hospital pharmacists should be limited to registered apprentices and medical students for pharmaceuticals, members of nursing staffs for materia medica, and medical auxiliaries for appropriate subjects. It has come to the Council's notice that it is a practice among a few hospital pharmacists to train other than registered apprentices for dispensing purposes, and the absorption of this personnel causes difficulties and embarrassment and leaves the students concerned with a sense of injustice.

Yours truly,

JOHN H. WOOD,
Secretary.

London, S.W.13.

Australian Ethicals Price List

SIR,—My attention has been drawn to references to the above list which have been published in THE CHEMIST AND DRUGGIST, January 16 and January 23, 1943, at pages 66 and 80 respectively. Unfortunately, a passage in an article published on page 690 of "The Australasian Journal of Pharmacy" for October 1942 has been seized upon as conveying a definition of ethical proprietaries. . . . The reference on p. 690 of the "A.J.P." is as follows:—

It will be noticed that some lines which might have been expected to appear are *not included in the list*. As regards some such lines, the reason is that the manufacturer has chosen to regard the lines as classifiable with general patents and proprietaries. Although originally marketed on the recommendation of medical men, the lines referred to have now reached a stage in sales volume where the doctors' backing is no longer required, and consequently open sale is preferred by the manufacturer.

I would appreciate your taking the first opportunity of correcting the reference, as inquiries have reached this office from local subscribers to the C. & D.

Yours faithfully,

T. G. ALLEN,
Secretary, Federated Pharmaceutical.
Service Guild of Australia.
Melbourne.

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No. 24

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T.R. 118

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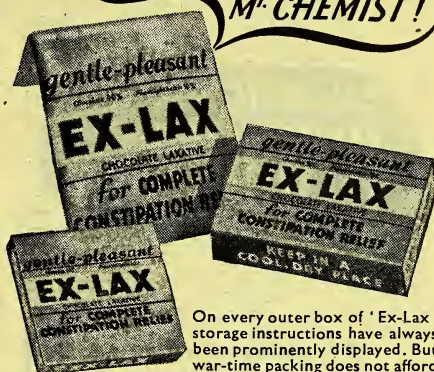
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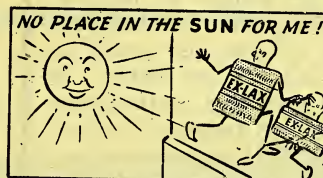
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Optrex Tulle

[Published for the information of users
and suppliers of Medical Supplies in
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What is Optrex Tulle?

A wide mesh, medicated surgical dressing

What is the Impregnating Compound?

The Tulle is evenly impregnated with petroleum jelly mixture, containing 1% each of Balsam of Peru & Halibut Liver Oil

What is its effect on Raw Tissue?

The compound is both anti-septic and healing—the considerable vitamin content aiding cicatrization.

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Optrex Tulle dressings need changing less frequently—as the material passes and discharges through its mesh, and avoids dangerous retentions, being non-adherent. Removal even from open wounds is painless and bloodless.

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Where is it obtainable?

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The CHEMIST AND DRUGGIST

SUPPLEMENT

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JULY 3
1943

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"Harmanex" Self Emulsifying Wax. No oil required. Minimum quantity 7 lb., £4/4/0.

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